



**SERVICIUDAD ESP**  
Empresa Industrial y Comercial del Estado  
NIT. 816.001.609-1  
NUIR 1-661700002



**RESOLUCION 141**  
**11 DE JUNIO DE 2026**

**“POR MEDIO DE LA CUAL SE ADOPTA EL PLAN OPERATIVO DEL SERVICIO PÚBLICO DE ASEO”**

EL GERENTE DE SERVICIUDAD E.S.P., en uso de sus facultades legales y estatutarias, en especial las conferidas por la Ley 142 de 1994, y demás normas concordantes.

**CONSIDERANDO**

1. Que SERVICIUDAD E.S.P, es una Empresa Industrial y Comercial del Estado cuyo objeto social es la prestación de servicios públicos domiciliarios.
2. Que la Ley 142 de 1994, por la cual se establece el régimen de los servicios públicos domiciliarios, regula la prestación de los servicios de aseo y las obligaciones de los prestadores para garantizar la continuidad, calidad y eficiencia del servicio.
3. Que el Decreto Único Reglamentario 1077 de 2015, Sector Vivienda, Ciudad y Territorio, compila la normatividad relacionada con la prestación del servicio público de aseo y establece las condiciones para su adecuada operación.
4. Que Serviciudad ESP, realizó la revisión y actualización de acuerdo a la Resolución CRA 288 de 2015 “Por la cual se establecen los lineamientos para la formulación de los Programas de Prestación del Servicio Público de Aseo”, que permita organizar, controlar y optimizar las actividades de limpieza, barrido, recolección, transporte y manejo de residuos, garantizando el cumplimiento de la normatividad vigente y la mejora continua en la prestación del servicio.
5. Que la Ley 142 de 1994 en el artículo 3 numeral 3.4 señala: "La vigilancia y control de la formulación, actualización e implementación de los Programas para la Prestación del Servicio Público de Aseo estará a cargo de la Superintendencia de Servicios Públicos Domiciliarios".





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## RESUELVE

ARTICULO PRIMERO: Adóptese el nuevo plan operativo de Aseo, el cual hace parte integral de la presente resolución y regirá las actividades relacionadas con la prestación y supervisión del servicio de aseo.

ARTICULO SEGUNDO: El Plan Operativo de Aseo tiene como objeto establecer los lineamientos, procedimientos, frecuencias, recursos y responsabilidades para garantizar la adecuada limpieza, recolección, manejo y disposición de residuos generados en el área de prestación del servicio de la empresa.

ARTICULO TERCERO: La presente resolución y el Plan Operativo de Aseo como parte integral de dicha resolución deberá ser publicados en nuestra página web y estar disponible de forma permanente para la consulta de nuestros usuarios.

ARTICULO CUARTO: La presente resolución rige a partir de la fecha de su expedición y deroga las disposiciones internas que le sean contrarias.

Dado en Dosquebradas a los 11 días del mes de junio de 2026.

## PUBLÍQUESE Y CÚMPLASE

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## **PROGRAMA DE PRESTACIÓN DEL SERVICIO DE ASEO EN DOSQUEBRADAS**

**CARLOS ARTURO RAVE VALENCIA**  
**GERENTE**

**Dosquebradas, marzo 2026**

## TABLA DE CONTENIDO

|  |           |
|--|-----------|
| <b>1. INTRODUCCIÓN</b>   | <b>5</b>  |
| <b>2. ANTECEDENTES HISTORICOS DE LA TRANSFORMACION LEGAL A SERVICIUDAD</b>             | <b>6</b>  |
| <b>3. ORGANIGRAMA AREA TÉCNICA – SERVICIO ASEO</b>                                     | <b>8</b>  |
| <b>4. GENERALIDADES</b>  | <b>9</b>  |
| 4.1. ACTIVIDADES PRESTADAS .....   | 10        |
| <b>5. OBJETIVOS</b>  | <b>10</b> |
| <b>6. METAS</b>  | <b>11</b> |
| 6.2. SEGUIMIENTO AVANCE CUMPLIMIENTO DE METAS Y OBJETIVOS .....                        | 11        |
| <b>7. ASPECTOS OPERATIVOS DEL SERVICIO</b>   | <b>15</b> |
| 7.1 FECHA ADOPCIÓN PROGRAMA DE PRESTACIÓN DEL SERVICIO PUBLICO DE ASEO .....           | 15        |
| 7.2. ÁREA DE PRESTACIÓN DEL SERVICIO DE ASEO .....                                     | 15        |
| 7.3. ACTIVIDAD DE RECOLECCIÓN Y TRANSPORTE .....                                       | 25        |
| 7.3.1. Formas de presentación de residuos a las que pueden acogerse los usuarios ..... | 25        |
| 7.3.2. Ubicación de la base de operaciones.....  | 27        |
| 7.3.3. Macro rutas y Micro rutas.....  | 27        |
| 7.3.4. Vehículos, equipos y/o elementos.....   | 32        |
| 7.3.5. Personal y dotación .....   | 32        |
| 7.3.6. Censo de puntos críticos .....  | 32        |
| 7.4. ACTIVIDAD DE BARRIDO Y LIMPIEZA DE VÍAS Y ÁREAS PÚBLICAS .....                    | 42        |
| 7.4.1. km de vías y Áreas Públicas por prestador .....                                 | 42        |
| 7.4.2 Acuerdo de barrido, limpieza de vías y áreas públicas .....                      | 42        |
| 7.4.3 Macro rutas y Micro rutas de Barrido .....                                       | 43        |
| 7.4.4. Vehículos y equipos .....   | 46        |
| 7.4.5 Personal y dotación .....  | 46        |
| 7.4.6 Ubicación de cuartelillos o puntos de almacenamiento de implementos de barrido.. | 47        |
| 7.5. INSTALACION Y MANTENIMIENTO DE CESTAS .....                                       | 47        |
| 7.5.1. Inventario de Cestas a cargo de SERVICIUDAD E.S.P. ....                         | 47        |
| 7.6 ACTIVIDAD CORTE DE CÉSPED .....  | 48        |
| 7.6.1. Metros cuadrados de césped por prestador .....                                  | 48        |
| 7.6.2 Equipos corte de césped .....  | 69        |
| 7.6.3 Personal y dotación .....  | 69        |
| 7.7. PODA DE ÁRBOLES.....  | 70        |

|  |            |
|--|------------|
| 7.7.1. Consolidado para poda de árboles por prestador y tipo.....            | 70         |
| 7.7.2 Tipos de individuos.....   | 71         |
| 7.7.3. Frecuencia .....  | 71         |
| 7.7.4 Equipos Poda de Arboles.....   | 144        |
| 7.7.5 Personal y dotación .....  | 144        |
| 7.8. ACTIVIDADES DE LAVADO DE VÍAS Y ÁREAS PÚBLICAS .....                    | 144        |
| 7.9. ACTIVIDAD DE COMERCIALIZACIÓN.....                                      | 146        |
| 7.9.2. Canal Virtual – Línea de atención al Usuario.....                     | 147        |
| <b>8. PROGRAMA DE RELACIONES CON LA COMUNIDAD</b>                            | <b>148</b> |
| <b>9. ESQUEMA DE FACTURACION DE SERVICIOS</b>                                | <b>150</b> |
| <b>10. RESIDUOS ESPECIALES</b>   | <b>150</b> |
| <b>11. PROGRAMA DE GESTIÓN DEL RIESGO</b>                                    | <b>151</b> |
| <b>12. SUBSIDIOS Y CONTRIBUCIONES</b>  | <b>157</b> |
| 12.1 EQUILIBRIO EN EL BALANCE DE SUBSIDIOS Y CONTRIBUCIONES:.....            | 157        |
| <b>13. CUMPLIMIENTO DE OBLIGACIONES DEL PRESTADOR CONTENIDAS EN EL PGIRS</b> | <b>158</b> |

## PRESENTACIÓN

El Municipio de Dosquebradas es un territorio estratégico en la región por su ubicación geográfica y desarrollo comercial e industrial y esto lo ha convertido en un municipio de mayor crecimiento poblacional no solo en el Departamento de Risaralda sino en el eje cafetero , lo que le agrega un factor de significativo compromiso en ofertar los mejores servicios públicos para todos sus habitantes ; de ahí el gran compromiso de SERVICIUDAD ESP , Empresa Industrial y Comercial del Estado ,como el mayor operador de los servicios públicos domiciliarios de Agua ,Alcantarillado y Aseo de garantizar la calidad y eficiencia en los servicios y propender por el más alto nivel de satisfacción en los Usuarios.

El programa de Prestación del Servicio de Aseo diseñado , apunta a este objetivo que los servicios de Recolección y transporte de residuos sólidos, el barrido y limpieza de Vías y áreas públicas ;lavado de Áreas públicas, corte de césped, Poda de Árboles e instalación de canastillas se presten con los mejores estándares de calidad y contribuyan con el desarrollo del municipio , haciendo que esta Ciudad , con el compromiso mismo de sus habitantes ,se muestre ordenada , Limpia y cada vez más atractiva por la cultura y comportamiento ciudadano frente al compromiso de conservar nuestro medio ambiental.

## 1. INTRODUCCIÓN

El programa para la prestación de Servicio público de Aseo incorpora dentro de su alcance las diferentes actividades desarrolladas por Empresa de Servicios Públicos de Dosquebradas "SERVICIUDAD ESP" en su área de prestación, de conformidad con lo establecido en el artículo 2.3.2.2.1.13. del decreto 1077 de 2015

SERVICIUDAD ESP presenta el Programa para la Prestación del Servicio de Aseo 2025-2030, el cual contempla los alcances y lineamientos en la Prestación del servicio de Aseo ,incorporando las nuevas disposiciones de la Comisión de Regulación de Agua Potable y Saneamiento Básico CRA y del Ministerio de Vivienda ,Ciudad y Territorio, con el que se pretende asegurar las mejores condiciones ambientales para que los Ciudadanos logren mejor calidad de vida y sobre todo disminuya al máximo los factores de riesgo para su salud. y de esta manera aportar además al propósito de mantener a Dosquebradas como uno de los territorios más limpios en Colombia. Todo el contenido y alcance de este programa está armonizado con los propósitos contenidos en el PGIRS del municipio de Dosquebradas, adelantado por la Secretaría de Desarrollo Agropecuario y Gestión Ambiental (SDAGA) del municipio de Dosquebradas.

Los Procesos administrativos y Operativos que se generan en la prestación de este servicio se alinean con el Sistema de Gestión de Calidad, el Modelo Estándar de Control Interno MECI, integrado además con herramientas de gestión y desarrolladas con el compromiso del capital humano, para asegurar que se puedan obtener los resultados esperados y el cumplimiento del objeto aquí planteado.

## 2. ANTECEDENTES HISTORICOS DE LA TRANSFORMACION LEGAL A SERVICIUDAD

La prestación de los servicios de acueducto alcantarillado y aseo se vienen prestando en el Municipio de Dosquebradas desde el año 1976 cuando se constituyó por escritura pública No 1472 de septiembre de 1976 de la Notaria 2 de Pereira la empresa EMPORIS Ltda.

Año 1988 Por escritura 194 de enero de 1988 en la Notaria 2 de Pereira, el Instituto Nacional de Fomento Municipal, INSFOPAL transfiere sus derechos sociales a EMPORIS

Por escritura 133 de enero 15 de 1988 de la Notaria 2 de Pereira INSFOPAL transfiere los derechos sociales a Dosquebradas y a la Virginia

Por escritura pública 1471 de marzo 30 de 1988 en la Notaria 3 de Pereira, se reforma la escritura 1472 cambiando la razón social a ESAR Ltda.

Por acuerdo 022 de 9 de diciembre de 1988 se creó la Empresa Municipal de Servicios de Dosquebradas EMSD, como una entidad descentralizada del orden municipal, encargado de prestar los servicios públicos de acueducto, alcantarillado, recolección de basuras y mantenimiento del alumbrado público en el sector urbano del municipio de Dosquebradas.

Año 1994 Por escritura 5125 del 30 de diciembre de 1994 se disuelve y liquida ESAR LTDA pasando los activos y demás inventario a la EMSD

Año 1996 Por acuerdo 005 de abril de 1996 se liquida la EMSD en el término de 1 año.

Por acuerdo 063 de diciembre de 1996, se crea una Empresa Industrial y Comercial del Estado del ámbito Municipal, duración indefinida, personería jurídica, autonomía administrativa y capital independiente, dando cumplimiento de esta manera, a la ley 142 de 1994, se crea entonces la entidad de razón social "Empresa de Servicios Públicos Domiciliarios de Dosquebradas E.S.P.", a quien se le entregaron los activos de EMSD.

Sometida al régimen jurídico de los servicios públicos domiciliarios y a las disposiciones estatutarias contenidas en el Acuerdo No 001 del 14 de enero de 1997

Año 2002 En cumplimiento de la Ordenanza 26 del 14 de junio de 2002 La Gobernación de Risaralda hace entrega al Municipio de Dosquebradas por medio de un Contrato de Cesión, de los elementos y equipos que hacen parte del Plan Maestro de Acueducto y Alcantarillado consignados en el Inventario Planta de tratamiento de Villa Santana

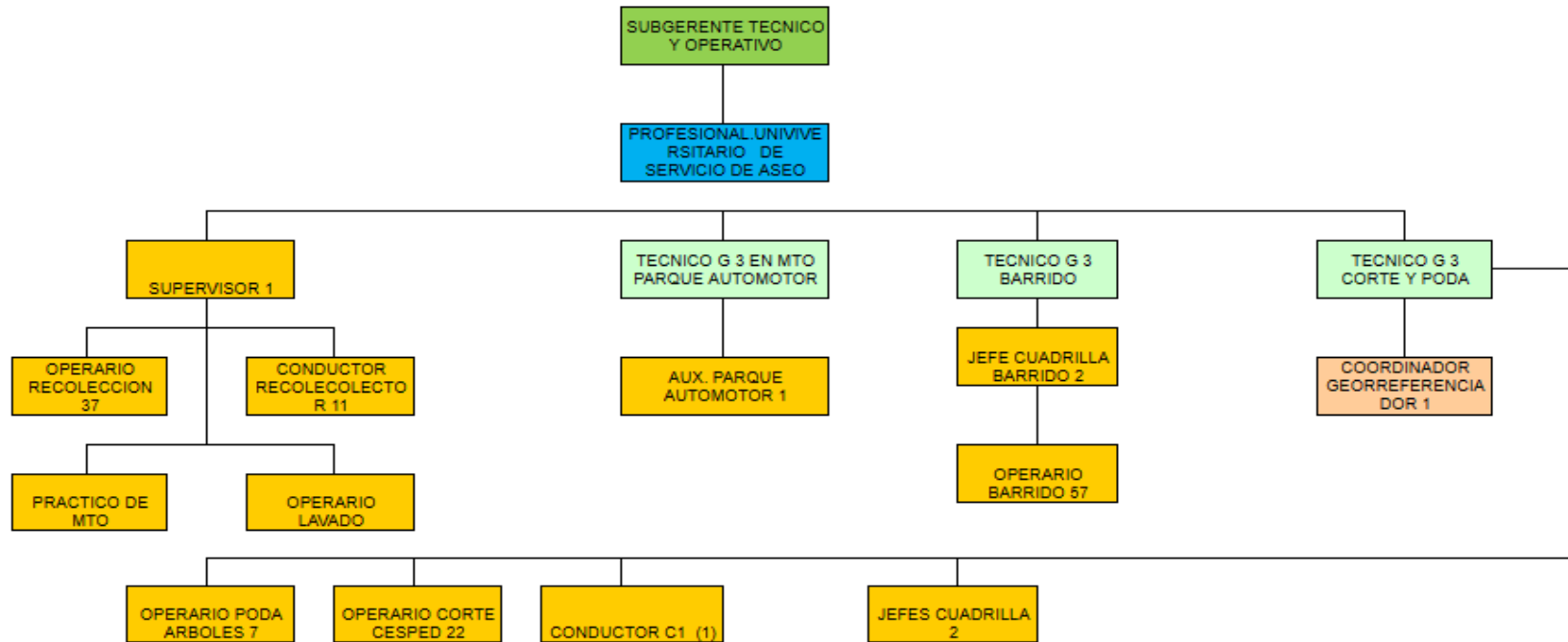
Año 2003 El 14 de noviembre de 2003, la “Empresa de Servicios Públicos Domiciliarios de Dosquebradas” cambio su Razón social por “SERVICIUDAD E.S.P.”, lo cual se protocolizó en diciembre 26 de 2003, mediante escritura pública No 4325, donde además se realizaron reformas a los estatutos de la empresa.

La naturaleza jurídica de SERVICIUDAD y la prestación de los servicios de acueducto, alcantarillado y aseo que brindamos en el Municipio, generan una relación entre la política urbana y la normatividad del agua potable y saneamiento básico existente en Colombia.

Es por ello por lo que SERVICIUDAD alinea su proceso de planificación con los lineamientos de la Planeación Municipal en armonía con lo estipulado por la Superintendencia de Servicios Públicos, la CRA y demás entes de control de las Empresas de Servicios públicos Domiciliarios.

La Normatividad que se destaca sobre agua potable y saneamiento básico es la Ley 142 de 1994, que establece el régimen de los servicios públicos domiciliarios; la Ley 715 de 2001, por la cual se dictan normas orgánicas en materia de recursos y competencias para organizar la prestación de servicios públicos domiciliarios, entre otros; el Decreto 1713 de 2002 (derogado por el decreto 2981 de 2013, el cual a su vez fue derogado por el Decreto 1077 de 2015), prestación del servicio público de aseo, la Ley 632 de 2000, subsidios y contribuciones, la Ley 689 de 2001, el Decreto 2811 de 1974, código nacional de recursos naturales renovables y protección del medio ambiente, la Ley 99 de 1993 medio ambiente, La Ley 388 de 1997, ordenamiento territorial y la Resolución 151 de la CRA, para la regulación integral de los servicios públicos de acueducto, alcantarillado y aseo. Decreto 1077 de 2015., todo en concordancia con lo estipulado en la resolución 0288 de 2015 del Ministerio de Vivienda, Ciudad y Territorio.

### 3. ORGANIGRAMA AREA TÉCNICA – SERVICIO ASEO





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#### **4. GENERALIDADES**

El decreto 1077 de 2015 por medio del cual se reglamenta la prestación del servicio público de aseo, establece en el artículo 2.3.2.2.1.10 el programa para la prestación del servicio público de aseo, el cual debe contener los objetivos, metas, estrategias, campañas educativas, actividades y cronograma, costos y fuentes de financiación de igual manera, los aspectos operativos de los diferentes componentes del servicio.

También es de tener presente lo estipulado en la resolución 720/2015, “Por la cual se establece el régimen de regulación tarifaria al que deben someterse los prestadores del servicio público de aseo en áreas urbanas que atiendan en municipios con más de 5.000 suscriptores, la metodología que deben utilizar para el cálculo de las tarifas del servicio público de aseo y se dictan otras disposiciones”, pues establece que en el programa para la prestación del servicio público de aseo se debe incluir el número total de km a barrer en el municipio, el número total de m<sup>2</sup> de zonas verdes objeto de corte de césped, el inventario de árboles objeto de poda, el número total de m<sup>2</sup> de áreas públicas objeto de lavado y el número de cestas públicas a ubicar en el área de prestación del servicio. En ese sentido y de acuerdo con los lineamientos para la formulación de los programas de prestación de servicio público de aseo, se describen los alcances del Programa que deben ser desarrollados en el Municipio de Dosquebradas Risaralda.

El programa de Prestación del Servicio Público de Aseo, contiene los objetivos, metas y los aspectos operativos del servicio asociados al área de prestación del servicio, actividad de recolección y transporte, actividades de transferencia, actividades de barrido y limpieza de vías y áreas públicas, corte de césped y poda de árboles en vías y áreas públicas, actividad de disposición final, tratamiento, comercialización, lavado de vías y áreas públicas, atención de eventos y espectáculos masivos, programa de gestión del riesgo, así como los aspectos administrativos y las estrategias para el cumplimiento.

El Programa para la Prestación del Servicio se formula para un horizonte de implementación de cinco (5) años de acuerdo con lo establecido en el Plan de Gestión Integral de Residuos Sólidos y será reportado al Sistema Único de Información (SUI) para las labores de vigilancia y control por parte de la Superintendencia de Servicios Públicos Domiciliarios.



#### 4.1. Actividades prestadas

**TABLA DE ACTIVIDADES**

| <b>ACTIVIDAD</b>                            | <b>FECHA DE INICIO</b> |
|---|------------------------|
| Recolección                                 | 01-1989                |
| Transporte                                  | 01-1989                |
| Transferencia                               | NA                     |
| Barrido y limpieza de vías y áreas publicas | 10-2007                |
| Corte césped en vías y áreas publicas       | 05-2016                |
| Poda árboles en vías y áreas publicas       | 12-2016                |
| Lavado de vías y áreas publicas             | 05- 2016               |
| Tratamiento                                 | NA                     |
| Aprovechamiento                             | NA                     |
| Comercialización                            | 01-1989                |

#### 5. OBJETIVOS

Se orienta a plantear la situación deseada o las condiciones óptimas de la prestación del servicio de Aseo que se espera alcanzar, una vez se identifiquen problemas, inconvenientes, vulnerabilidad, y/o en aquellos en los que sea conveniente, implementar mejoras en la prestación del servicio público de aseo. Los objetivos están orientados a la cobertura, calidad, continuidad y eficiencia de las actividades del servicio.

Para la formulación de los objetivos, se tuvo en cuenta: (i) el PGIRS del municipio, (ii) los resultados de seguimiento de su gestión, (iii) los informes de seguimiento de las autoridades ambientales, (iv) el nivel de clasificación de riesgo según lo establecido en la Resolución CRA 315 de 2005 (v) y Otra información pertinente para el desarrollo de los objetivos.

Adicionalmente, se tiene en cuenta la capacidad de la Empresa en términos de recursos físicos, financieros y tiempos, lo que implica que se plantea objetivos realizables, que guardan consistencia con lo establecido en el PGIRS y en la normativa vigente.

## 6. METAS

Se refleja de una manera específica y cuantitativa los logros (metas) que corresponden a los objetivos y la forma en que se medirá el cumplimiento a través de indicadores. De esta manera las metas señalan el resultado cuantitativo (cualitativo) y la fecha en que se espera alcanzar dicho resultado.

Para la medición de las metas, se emplean indicadores, por ende, se entiende que cuando los indicadores se cumplen las metas se logran y en efecto el objetivo también.

- El indicador mide el logro de la meta en distintos momentos, pues además sirve para señalar la evolución y tomar acciones preventivas y correctivas.
- El indicador que acompaña a la meta esta expresado en términos de cantidad, tiempo y lugar.
- El indicador además cuenta con una fuente fiable de información para su cálculo y una línea base que expresa el nivel actual de la prestación del servicio.

### 6.2. SEGUIMIENTO AVANCE CUMPLIMIENTO DE METAS Y OBJETIVOS

El seguimiento al cumplimiento de las metas y objetivos se realizará de la siguiente manera:

- Comité de seguimiento cuatrimestral, con el fin de identificar avances, dificultades y acciones correctivas oportunas que nos permitan cumplir con las metas definidas.
- Apoyo del área de control interno, trimestralmente revisaran el cumplimiento de metas y objetivos generando alertas que nos permitan actuar con prontitud en la búsqueda del cumplimiento de las metas.

**Tabla B: OBJETIVOS Y METAS:** PARA SEGUIMIENTO PROGRAMA ASEO

La relación de metas y el respectivo informe se realizará según los ítems que se plantean en la siguiente tabla:

| ACTIVIDAD   | ASPECTO     | OBJETIVO  | LINEA BASE | INDICADORES  | META FINAL | PLAZO |       |       |       |       |
|-------------|-------------|---|------------|--|------------|-------|-------|-------|-------|-------|
|             |             |   |            |  |            | 1 AÑO | 2 AÑO | 3 AÑO | 4 AÑO | 5 AÑO |
| Recolección | Cobertura   | Incrementar el número de suscriptores atendidas con el servicio de aseo | 100%       | (Total de suscriptores atendidos servicio de aseo / total suscriptores) *100 | 100%       | 100%  | 100%  | 100%  | 100%  | 100%  |
|             | Calidad     | Garantizar Calidad en Horario de a recolección                          | 100%       | $\%HR\_NA_t = \frac{\sum_{i=1}^{ndm} NRR_{i,t}}{(ndm/7) * F\_CCU_t} * 100\%$ | 100%       | 100%  | 100%  | 100%  | 100%  | 100%  |
|             | Continuidad | Lograr la Calidad de la frecuencia de recolección.                      | 100%       | $\%HR\_NA_t = \frac{\sum_{i=1}^{ndm} NRR_{i,t}}{(ndm/7) * F\_CCU_t} * 100\%$ | 100%       | 100%  | 100%  | 100%  | 100%  | 100%  |
| Transporte  | Cobertura   | Incrementar el número de suscriptores atendidos con el servicio de aseo | 100%       | Total de suscriptores del servicio de aseo / total suscriptores*100          | 100%       | 100%  | 100%  | 100%  | 100%  | 100%  |

|   |             |   |      |   |      |      |      |      |      |      |
|---|-------------|---|------|---|------|------|------|------|------|------|
|   | Calidad     | Mantener una flota actualizada y en normal funcionamiento   | 100% | (Número de vehículos en funcionamiento/ Número total de vehículos para el servicio) x100          | 100% | 100% | 100% | 100% | 100% | 100% |
| Barrido y limpieza de vías y áreas públicas | Cobertura   | Incrementar el número de km barrido   | 100% | (Total de Km de vías barridas/Total de km objeto de barrido) x 100                                | 100% | 100% | 100% | 100% | 100% | 100% |
|   | Calidad     | Garantizar calidad del barrido  | 100% | (Total de Km de Vía Sin presencia de residuos Y/o arenillas / Total de Km barridos) x100          | 100% | 100% | 100% | 100% | 100% | 100% |
|   | Continuidad | Prestar el servicio de Barrido, limpieza de vías y áreas públicas en la frecuencia establecida durante el año | 98%  | (Número de rutas ejecutadas/ Numero de ruta programadas) x100                                     | 100% | 100% | 100% | 100% | 100% | 100% |
| Corte Césped de vías y áreas públicas       | Cobertura   | Incrementar el número de M2 de césped cortado   | 0%   | (Total de M2 de césped cortado / M2 de corte césped SERVICIUDAD) x100                             | 100% | 100% | 100% | 100% | 100% | 100% |
|   | Calidad     | Garantizar Calidad del corte según programación.  | 0%   | (Total de M2 Ejecutados Cumpliendo especificaciones Técnicas/Total número de M2 Programados) x100 | 100% | 100% | 100% | 100% | 100% | 100% |
|   | Continuidad | Cumplir Servicio en la frecuencia establecida   | 0%   | (Total de sitios con la frecuencia cumplida / Total sitios programados) x100                      | 100% | 100% | 100% | 100% | 100% | 100% |
| Poda árboles en vías y áreas publicas       | Cobertura   | Garantizar la poda de todos los árboles definidos SERVICIUDAD y según gradualidad                             | 0%   | (Total arboles podados según tipo / N° total arboles programados) x 100                           | 100% | 2%   | 28%  | 78%  | 100% | 100% |



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|                                       |             |   |    |  |      |      |      |      |      |      |
|---------------------------------------|-------------|---|----|--|------|------|------|------|------|------|
|                                       | Calidad     | Garantizar la poda según especificaciones técnicas por tipo de árbol      | 0% | (Total de Arboles podados según Especificaciones técnicas/Total de árboles podados) x100                           | 100% | 100% | 100% | 100% | 100% | 100% |
|                                       | Continuidad | Prestar el servicio de Poda en la frecuencia Establecida.                 | 0% | (Total de árboles con la frecuencia de poda cumplida / Total de árboles programados en áreas públicas y vías) x100 | 100% | 100% | 100% | 100% | 100% | 100% |
| Lavado de vías y áreas publicas       | Cobertura   | Mantener las áreas de lavado de vías públicas                             | 0% | Total de m2 de área urbana Lavada/ Total de m2 programados a SERVICIUDAD) x 100                                    | 100% | 100% | 100% | 100% | 100% | 100% |
|                                       | Calidad     | Verificar calidad de lavado   | 0% | Numero de m2 Ejecutados / Numero de m2 programados   | 100% | 100% | 100% | 100% | 100% | 100% |
|                                       | Continuidad | Prestar el servicio de lavado en la frecuencia establecida durante el año | 0% | (Total de sitios con la frecuencia cumplida / Total sitios programados) x100                                       | 100% | 100% | 100% | 100% | 100% | 100% |
| Instalación y mantenimiento de cestas | Cobertura   | Instalar un número de Cestas en las principales vías y áreas públicas.    | 0% | Total, cestas con Mantenimiento/Total Instaladas   | 100% | 100% | 100% | 100% | 100% | 100% |



## 7. ASPECTOS OPERATIVOS DEL SERVICIO

SERVICIUDAD E.S.P. presta en la actualidad el Servicio de aseo con las siguientes actividades o componentes : recolección , transporte, barrido y limpieza de vías y áreas públicas e incorpora las nuevas actividades como corte de césped en vías y áreas públicas , Poda de árboles en vías y áreas públicas , Lavado de vías y áreas públicas, para lo cual cuenta con suficiente recursos físicos, financieros y humanos que le permiten lograr los indicadores propuestos , así mismo los objetivos trazados.

De igual manera se incluyen las actividades de atención de eventos y espectáculos masivos, gestión del riesgo y los aspectos administrativos.

### 7.1 Fecha adopción PROGRAMA DE PRESTACIÓN DEL SERVICIO PUBLICO DE ASEO

El presente programa de prestación del servicio de Aseo se adopta a partir del 15 de octubre de 2025.

### 7.2. Área de Prestación del servicio de aseo

| Actividad del servicio                       | Nombre del departamento | Nombre del municipio | Límites (coordenadas)                            | Dirección de localización del Centroides (calle y carrera o coordenadas)    | Distancia entre el Centroides y el sitio de disposición final o transferencia <sup>2</sup> (km) |
|--|-------------------------|----------------------|--|---|---|
| Recolección, transporte y disposición final. | Risaralda               | Dosquebradas         | Barrios relacionados en la tabla a continuación. | Carrera 11<br>Calle 33.<br>Barrio Guadalupe<br>X=1155572,43<br>Y=1026718,24 | 21,03 km  |
| Barrido y Limpieza de vías y áreas públicas  | Risaralda               | Dosquebradas         | Barrios relacionados en la tabla a continuación  |   |   |
| Corte césped en vías y áreas publicas        | Risaralda               | Dosquebradas         | Barrios relacionados en la tabla a continuación  |   |   |
| Poda árboles en vías y áreas publicas        | Risaralda               | Dosquebradas         | Barrios relacionados en la tabla a continuación  |   |   |
| Lavado de vías y áreas publicas              | Risaralda               | Dosquebradas         | Barrios relacionados en la tabla a continuación  |   |   |
| Comercialización                             | Risaralda               | Dosquebradas         | Barrios relacionados en la tabla a continuación  |   |   |



**SERVICIUDAD ESP**  
Empresa Industrial y Comercial del Estado  
NIT. 816.001.609-1  
NUIR 1-661700002



## AREA DE DE PRESTACION DEL SERVICIO

SERVICIUDAD - MUNICIPIO DOSQUEBRADAS



Google Earth

Diagonal 26A No. 21AT-04 Avenida las Torres Edificio Moretti Cel. 3148289785 Dosquebradas- Risaralda

[www.serviciudad.gov.co](http://www.serviciudad.gov.co)



**ÁREA DE PRESTACIÓN DEL SERVICIO DE RECOLECCIÓN, TRANSPORTE Y  
DISPOSICIÓN FINAL**

**BARRIDO Y LIMPIEZA DE VÍAS Y ÁREAS PUBLICAS**

**CORTE DE CESPED EN VÍAS Y ÁREAS PUBLICAS**

**PODA DE ARBOLES EN VÍAS Y ÁREAS PUBLICAS**

**LAVADO DE VÍAS Y ÁREAS PUBLICAS**

**COMERCIALIZACION**

| DEPARTAMENTO | MUNICIPIO    | BARRIO O EMPRESA               |
|--------------|--------------|--------------------------------|
| RISARALDA    | DOSQUEBRADAS | 1o Agosto                      |
|              |              | Abedules                       |
|              |              | Acqua                          |
|              |              | Alonso Valencia                |
|              |              | AltaMira                       |
|              |              | Altos de la Capilla            |
|              |              | Altos de la pradera            |
|              |              | Altos de la Soledad            |
|              |              | Altos de Navarra               |
|              |              | Altos de Santa Clara           |
|              |              | Altos de Santa Monica          |
|              |              | Altos del Eden                 |
|              |              | Alvaro Patiño Amariles I       |
|              |              | Andalucia                      |
|              |              | Antigua Fiscalia               |
|              |              | Arboleda Santa Monica          |
|              |              | Arrayanes                      |
|              |              | Arturo Lopez                   |
|              |              | Aurora Alta                    |
|              |              | Bambú                          |
|              |              | Barrio Obrero                  |
|              |              | Barro Blanco                   |
|              |              | Bella Vista                    |
|              |              | Bella vista                    |
|              |              | Bocacanoa                      |
|              |              | Bodegas Centro Logistico       |
|              |              | Bodegas Zona Industrial Vall   |
|              |              | Bohio                          |
|              |              | Bosques de la Acuarela Etap    |
|              |              | Bosques de Milan               |
|              |              | Buena Vista                    |
|              |              | Buenos Aires                   |
|              |              | Calle 21 desde Reservas hast   |
|              |              | Calle de las Aromas ( Tras. 5  |
|              |              | Cambulos                       |
|              |              | Cambulos de la Popa            |
|              |              | Camilo Mejia Duque             |
|              |              | Camilo Tores Plan II           |
|              |              | Camilo Torres Plan I           |
|              |              | Camilo Torres Plan III. Zona 1 |
|              |              | Campestre A                    |
|              |              | Campestre B                    |
|              |              | Campestre C                    |
|              |              | Campestre D                    |
|              |              | Casas de Milan                 |
|              |              | Castilla                       |

| DEPARTAMENTO | MUNICIPIO | BARRIO O EMPRESA            |
|--------------|-----------|-----------------------------|
|              |           | Catalan                     |
|              |           | Central Park                |
|              |           | Cerro Azul                  |
|              |           | Cesar Augusto               |
|              |           | Cipres                      |
|              |           | Colinas                     |
|              |           | Colmenares                  |
|              |           | Comuneros                   |
|              |           | Condominio la Alqueria      |
|              |           | Conjunto Residencial Opalo  |
|              |           | Conjunto Residencial Zandal |
|              |           | Conjunto Santa Barbara      |
|              |           | Conjunto Santa Lucia        |
|              |           | Conjunto Santa Maria        |
|              |           | Coomnes                     |
|              |           | Coomnes                     |
|              |           | Destechados Camilo Torres   |
|              |           | Diamante                    |
|              |           | Diana Turbay                |
|              |           | Diego Jaramillo Cuartas     |
|              |           | Diego Patiño Amariles II    |
|              |           | Divino Niño                 |
|              |           | El Balso                    |
|              |           | El Bosque                   |
|              |           | El Carbonero                |
|              |           | El Cipres                   |
|              |           | El Crucero                  |
|              |           | El Diamante                 |
|              |           | El Ensueño                  |
|              |           | El Ensueño                  |
|              |           | El Estanquillo              |
|              |           | El Jazmin                   |
|              |           | El Martillo                 |
|              |           | El Mirador                  |
|              |           | El Paraiso                  |
|              |           | El Poblado                  |
|              |           | El Porvenir                 |
|              |           | El Prado                    |
|              |           | El Progreso                 |
|              |           | El Recreo                   |
|              |           | El Refugio                  |
|              |           | El Rosal                    |
|              |           | El Zafiro                   |
|              |           | Futurama                    |
|              |           | Galatea                     |
|              |           | Galaxia                     |

| DEPARTAMENTO | MUNICIPIO | BARRIO O EMPRESA      |
|--------------|-----------|-----------------------|
|              |           | Gemela                |
|              |           | Girasol               |
|              |           | Guadalupe             |
|              |           | Guaduales de Milan    |
|              |           | Guadualito Alto       |
|              |           | Guadualito bajo       |
|              |           | Guayacanes            |
|              |           | Hospital Santa Monica |
|              |           | Inducentro            |
|              |           | Inquilinos            |
|              |           | Japon Alto            |
|              |           | Japon Bajo            |
|              |           | Jardin Colonial       |
|              |           | Jardin Colonial 2     |
|              |           | Jupiter               |
|              |           | La Alegria            |
|              |           | La Aurora             |
|              |           | La Campiña            |
|              |           | La Capilla            |
|              |           | La Carmelita          |
|              |           | La Estacion           |
|              |           | La Graciela           |
|              |           | La Gran Via           |
|              |           | La Macarena           |
|              |           | La Mariana            |
|              |           | La Montana            |
|              |           | La Okarina            |
|              |           | La Pilarica           |
|              |           | La Playita            |
|              |           | La Pradera            |
|              |           | La Primavera          |
|              |           | la Raquelita          |
|              |           | La Romelia            |
|              |           | La Romelia Alta       |
|              |           | La Rosa               |
|              |           | La Soledad            |
|              |           | La Sultana            |
|              |           | Laguitos              |
|              |           | Lara Bonilla          |
|              |           | Lara Bonilla 3        |
|              |           | Las Acacias           |
|              |           | Las Violetas          |
|              |           | Laureles              |
|              |           | Limonar               |
|              |           | Llano Azul            |
|              |           | Loma linda            |

| DEPARTAMENTO | MUNICIPIO | BARRIO O EMPRESA              |
|--------------|-----------|-------------------------------|
|              |           | Los Alpes                     |
|              |           | Los Cerezos                   |
|              |           | Los Guamos                    |
|              |           | Los Heroes                    |
|              |           | Los Juncos                    |
|              |           | Los Lagos                     |
|              |           | Los Libertadores              |
|              |           | Los Naranjos                  |
|              |           | Los Olivos                    |
|              |           | Los Pinos                     |
|              |           | Los Rosales                   |
|              |           | Luis Carlos Galan             |
|              |           | Majestic (tercera frecuencia) |
|              |           | Maracay                       |
|              |           | Mega bus parqueadero          |
|              |           | Mercurio                      |
|              |           | Metropolitan                  |
|              |           | Minuto de Dios                |
|              |           | Mirador de Frailes            |
|              |           | Mirador de la Estancia        |
|              |           | Mirador de la Pradera         |
|              |           | Mirador de la Pradera (terce  |
|              |           | Mirador de las Camelias       |
|              |           | Mirador de Molivento          |
|              |           | Mirador de Santa Maria        |
|              |           | Mirador de Santa Monica       |
|              |           | Mitaka                        |
|              |           | Modelo                        |
|              |           | Molinos                       |
|              |           | Molivento I                   |
|              |           | Molivento II                  |
|              |           | Montebonito                   |
|              |           | Muebles Pereira               |
|              |           | Multifamiliares la Giralda    |
|              |           | Nogal de los Alpes            |
|              |           | Nueva Esperanza               |
|              |           | Olaya Herrera                 |
|              |           | Olimpica                      |
|              |           | Pablo Sexto                   |
|              |           | Panorama Country 1            |
|              |           | Panorama Country 2            |
|              |           | Papiro                        |
|              |           | Paraiso del Eden              |
|              |           | Parque de Milan               |
|              |           | Parque Industrial la Badea    |
|              |           | Parqueadero Centrales         |

| DEPARTAMENTO | MUNICIPIO | BARRIO O EMPRESA        |
|--------------|-----------|-------------------------|
|              |           | Pasaje Zapata           |
|              |           | Pedregales              |
|              |           | Petrobras               |
|              |           | Piamonte                |
|              |           | Pinares de playa Rica   |
|              |           | Plan III zona 2a        |
|              |           | Plan III zona I         |
|              |           | Plan III zona III       |
|              |           | Plan III zona VI        |
|              |           | Plan III zona VII       |
|              |           | Plan III zona V         |
|              |           | Playa Rica              |
|              |           | Portal de la Macarena   |
|              |           | Portal de la Sierra     |
|              |           | Portal de los Alpes     |
|              |           | Portal del Parque       |
|              |           | Portal del Sol          |
|              |           | Pradera Verde           |
|              |           | Prado Verde             |
|              |           | Primavera Azul          |
|              |           | Pueblo sol Alto         |
|              |           | Pueblo Sol Bajo         |
|              |           | Puerto Nuevo            |
|              |           | Puerto Nuevo            |
|              |           | Quintas de Aragon       |
|              |           | Quintas de Baleares     |
|              |           | Quintas de Buena Vista  |
|              |           | Quintas de Milan II     |
|              |           | Quintas de San Martin   |
|              |           | Quintas de San Rafael   |
|              |           | Quintas de Santa Isabel |
|              |           | Quintas del Campestre   |
|              |           | Reservas de la Pradera  |
|              |           | Reservas de Milan       |
|              |           | Reservas del Lago       |
|              |           | Restaurante la Estancia |
|              |           | Rincon de la Pradera    |
|              |           | Rivera Baja             |
|              |           | Rivera del Lago         |
|              |           | Rosales                 |
|              |           | SaKabuma                |
|              |           | San Diego               |
|              |           | San Felix               |
|              |           | San Fernando            |
|              |           | San Gregorio            |
|              |           | San Judas               |

| DEPARTAMENTO | MUNICIPIO | BARRIO O EMPRESA              |
|--------------|-----------|-------------------------------|
|              |           | San Marcos                    |
|              |           | San Nicolas                   |
|              |           | San Rafael                    |
|              |           | San Sebastian                 |
|              |           | Santa Barbara                 |
|              |           | Santa Clara                   |
|              |           | Santa Isabel 1a Etapa         |
|              |           | Santa Isabel 2da              |
|              |           | Santa Monica                  |
|              |           | Santa Teresita                |
|              |           | Santiago Londoño              |
|              |           | Saturno                       |
|              |           | Sector cardiesel              |
|              |           | Semillas del Otun             |
|              |           | Senderos de la Pradera        |
|              |           | Shut Bosques de la Acuarela   |
|              |           | Shut Super Inter Balalaika    |
|              |           | Shuth Reservas del Lago       |
|              |           | Shuts Bosques de La Acuarel   |
|              |           | Sinai                         |
|              |           | Tayrona                       |
|              |           | Terrazino                     |
|              |           | Tierra Grata                  |
|              |           | Tierra Verde                  |
|              |           | Torre Milano                  |
|              |           | Torres de Santa Marta         |
|              |           | Torres del Sol                |
|              |           | Triada                        |
|              |           | Urbanizacion Garma            |
|              |           | Urbanizacion los Almendros    |
|              |           | Urbanizacion Varúa            |
|              |           | Valher                        |
|              |           | Vallarta                      |
|              |           | Vela I y II                   |
|              |           | Venus                         |
|              |           | Venus                         |
|              |           | Versalles                     |
|              |           | Vía Japon Frailes Cl 15A-Cr 3 |
|              |           | Vía Naranjales                |
|              |           | Vía Principal Frailes         |
|              |           | Villa Alexandra               |
|              |           | Villa Alquin                  |
|              |           | Villa Carola                  |
|              |           | Villa Clara I y II            |
|              |           | Villa de Molinos              |
|              |           | Villa de San Marcos           |

| DEPARTAMENTO | MUNICIPIO | BARRIO O EMPRESA              |
|--------------|-----------|-------------------------------|
|              |           | Villa del Campestre           |
|              |           | Villa del Campo               |
|              |           | Villa del Lago                |
|              |           | Villa Diana                   |
|              |           | Villa Elena                   |
|              |           | Villa Fanny                   |
|              |           | Villa Laura                   |
|              |           | Villa Maria                   |
|              |           | Villa Mariela                 |
|              |           | Villa Mery                    |
|              |           | Villa Perla                   |
|              |           | Villa Pilar                   |
|              |           | Villa tury I y II             |
|              |           | Villas de la pradera          |
|              |           | Villas de san Angel           |
|              |           | Villas de Santa Monica        |
|              |           | Villas del Lago               |
|              |           | Villavento I, II, III y IV    |
|              |           | Zaguan de las Villas          |
|              |           | Zapan                         |
|              |           | Zona Industrial Balalaika     |
|              |           | Zona Industrial la Macarena   |
|              |           | Zona Industrial la Popa Secto |
|              |           | Zona Industrial La Romelia    |
|              |           | Zona Industrial via la Romeli |
|              |           | Zona Rosa                     |
|              |           | Zuitama                       |

## 7.3. Actividad de Recolección y Transporte

### 7.3.1. Formas de presentación de residuos a las que pueden acogerse los usuarios

Los usuarios tienen varias formas de presentar los residuos. En la siguiente tabla se encuentran estas modalidades:

| Forma de presentación (acera, caja estacionaria, unidad de almacenamiento, etc.) | Describir condiciones de presentación que deben cumplir los usuarios (aclarar)  |
|--|---|
| <u>Acera o Andenes</u>   | <p>Los usuarios del servicio de Aseo deberán presentar los residuos en las aceras, de la vía pública. Estos residuos deben estar debidamente empacados en bolsas de cualquier color y deben ser presentados con una anticipación no mayor de tres (3) horas previas a la recolección de acuerdo con las frecuencias y horarios establecidos para cada sector. Adicional a lo anterior, los recipientes no retornables, utilizados para almacenamiento y presentación de los residuos sólidos deben tener las siguientes características:</p> <ol style="list-style-type: none"> <li>1. Proporcionar seguridad, higiene y facilitar el proceso de recolección de acuerdo con la tecnología utilizada por el prestador.</li> <li>2. Tener una capacidad proporcional al peso, volumen y características de los residuos que contengan.</li> <li>3. De material resistente para soportar su manipulación.</li> <li>4. Facilitar su cierre o amarre.</li> </ol>   |
| <u>Unidades de almacenamiento</u>  | <p>De acuerdo con lo señalado en el Decreto 1077 de 2015, todo usuario agrupado del servicio público de aseo deberá tener una unidad de almacenamiento de residuos sólidos que cumpla como mínimo con los siguientes requisitos: "1. Los acabados deberán permitir su fácil limpieza e impedir la formación de microorganismos". "2. Tendrán sistemas de ventilación, tales como rejillas o ventanas, y de prevención y control de incendios, como extintores y suministro cercano de agua y drenaje". "3. Serán construidas de manera que evite el acceso y proliferación de insectos, roedores y otras clases de vectores, y que impida el ingreso de animales domésticos". "4. Deberán tener una adecuada ubicación y accesibilidad para los usuarios. Deberán contar con recipientes o cajas de almacenamiento de residuos sólidos para realizar su adecuado almacenamiento y presentación, teniendo en cuenta la generación de residuos y las frecuencias y horarios de prestación del servicio de recolección y transporte". "Parágrafo 1°. Los usuarios serán los responsables de mantener aseadas, desinfectadas y fumigadas las unidades de almacenamiento, atendiendo los requisitos y normas para esta última actividad". "Parágrafo 2°. Cuando se realicen actividades de separación, las unidades de almacenamiento deberán disponer de espacio suficiente para realizar el almacenamiento de los materiales, evitando su deterioro". "Parágrafo 3°. El usuario agrupado podrá elegir entre la presentación de los residuos en el andén o en la unidad de almacenamiento cuando así se pacte y las condiciones técnicas así lo permitan". "Parágrafo 4°. Las plazas de mercado, cementerios, estadios, terminales de transporte deben establecer programas internos de almacenamiento y presentación de residuos, de modo que se minimice la mezcla de los mismos y se facilite el manejo, en especial de los de origen orgánico". De otro lado, tal y como lo señala el artículo 21 del mencionado Decreto, "los residuos sólidos que sean evacuados por ductos, serán empacados en recipientes no retornables que reúnan las características exigidas en el presente decreto</p> |

|                                      |  |
|--------------------------------------|--|
|                                      | <p>y de acuerdo con el tamaño de los ductos", sin olvidar que estos deben cumplir con las siguientes características básicas:</p> <ol style="list-style-type: none"> <li>1. Proporcionar seguridad, higiene y facilitar el proceso de recolección de acuerdo con la tecnología utilizada por el prestador, tanto para la recolección de residuos con destino a disposición final como a procesos de aprovechamiento.</li> <li>2. Tener una capacidad proporcional al peso, volumen y características de los residuos que contengan.</li> <li>3. De material resistente para soportar su manipulación.</li> <li>4. Facilitar su cierre o amarre.</li> <li>5. Para las unidades residenciales que dispongan de cuartos de almacenamiento, estos deberán estar dotados con contenedores de 1.100 Lt con ASA, con el fin de mecanizar la operación de recolección.</li> </ol>  |
| <p><u>Contenedor</u></p>             | <p>La presentación de los residuos sólidos en contenedores se deberá realizar de acuerdo con lo señalado en el Artículo 2.3.2.2.2.18. del Decreto 1077 de 2015 cumpliendo con las siguientes características básicas:</p> <ol style="list-style-type: none"> <li>1. Proporcionar seguridad, higiene y facilitar el proceso de recolección de acuerdo con la tecnología utilizada por el prestador, tanto para la recolección de residuos con destino a disposición final como a procesos de aprovechamiento.</li> <li>2. Tener una capacidad proporcional al peso, volumen y características de los residuos que contengan.</li> <li>3. De material resistente para soportar su manipulación.</li> <li>4. Facilitar su cierre o amarre.</li> </ol>   |
| <p><u>Caja de Almacenamiento</u></p> | <p>Se entiende por Caja de Almacenamiento como "El recipiente técnicamente apropiado, para el depósito temporal de residuos sólidos de origen comunitario, en condiciones de aislamiento que facilite el manejo o remoción por medios mecánicos o manuales"; de acuerdo con lo anterior, los usuarios del servicio de aseo, deberán depositar en dichas cajas únicamente residuos sólidos ordinarios y estas se emplearán para aquellos usuarios que individual o colectivamente generen residuos en cantidad suficiente que justifique su utilización a juicio de la persona prestadora del servicio público de aseo. De la misma manera, deberá cumplir con las siguientes características básicas:</p> <ol style="list-style-type: none"> <li>1. Proporcionar seguridad, higiene y facilitar el proceso de recolección de acuerdo con la tecnología utilizada por el prestador, tanto para la recolección de residuos con destino a disposición final como a procesos de aprovechamiento.</li> <li>2. Tener una capacidad proporcional al peso, volumen y características de los residuos que contengan.</li> <li>3. De material resistente para soportar su manipulación.</li> <li>4. Facilitar su cierre o amarre.</li> </ol> |

### 7.3.2. Ubicación de la base de operaciones

| Dirección de la base de operaciones   | Teléfono | Área (m2)             |
|---|----------|-----------------------|
| Transversal 10 A<br>No.77 D-61<br>Barrio Galaxia<br>Dosquebradas<br>Risaralda | 3320883  | 4.032 mt <sup>2</sup> |

### 7.3.3. Macro rutas y Micro rutas

#### MACRO RUTA 1 (LUNES Y JUEVES)

| MACRO RUTA | MICRO RUTA | TURNO  | EQUIPO PROGRAMADO | FRECUENCIA     | SECTOR  | SERVICIO    | HORARIO       |
|------------|------------|--------|-------------------|----------------|---|-------------|---------------|
| 1          | 17001001   | Diurno | OEY 002           | Lunes - Jueves | Playa rica, Urbanización Garma, Quintas de Aragon, Villa Elena, La Montana, Primavera, Villa Diana, Andalucía, Pilarica, San Felix, Villa Mery, Santa Maria, Villa Perla, El recreo, Santa Clara, Santa Isabel Etapa 1, Supermercado y bodegas Super Inter.   | Recolección | 06:00 - 18:00 |
| 1          | 17001002   | Diurno | OEY 003           | Lunes - Jueves | Bohio, Quintas de Santa Isabel, Santa Isabel 2a Etapa, Altos de Navarra, Quintas de San Sebastián, El Poblado, El Bohio, Quintas de San Rafael, Campestre B entre Diagonal 18 a Diagonal 20, Campestre A, Campestre D, Villas del Campestre, Quintas del Campestre, Villas de San Miguel, Quintas de Buena Vista. | Recolección | 06:00 - 18:00 |
| 1          | 17001003   | Diurno | OEY 004           | Lunes - Jueves | El Refugio, Torres del Sol, Quintas del Refugio, Los Cerezos, Bosques de San Martin, Limonar, Macarena, Campestre B, Porvenir, Altos de Santa Clara, Campestre C, Bomberos, Mitaca, zona Industrial La Macarena, Ciudad Natura, Zona industrial la Popa (Nicol), Calle Las Aromas, Antigua plaza de ferias.       | Recolección | 06:00 - 18:00 |
| 1          | 17001004   | Diurno | OEY 021           | Lunes - Jueves | Bodegas Ara, reclusión la Badea calle hasta Pedregales, Vallarta, Bodegas estación de servicio Brio, Villa Alexandra, La Graciela; Inquilinos, Minuto de Dios, Vereda el Estanquillo, Variante la Romelia el Pollo, vereda la Unión, Mirador de las Camelias, vereda la Esperanza.                                | Recolección | 06:00 - 18:00 |

## MACRO RUTA 2 (MARTES Y VIERNES)

| MACRO RUTA | MICRO RUTA | TURNOS | EQUIPO PROGRAMADO | FRECUENCIA       | SECTOR  | SERVICIO    | HORARIO       |
|------------|------------|--------|-------------------|------------------|---|-------------|---------------|
| 2          | 17002005   | Diurno | OEY 002           | Martes - viernes | La Capilla, Plan 3 Zona 7 Camilo Torres, Pueblo Sol Alto, Venus, Emaús, Llano Azul, Bella Vista, Camilo Torres plan 1, Los Alpes, Nugal De los Alpes El Prado, Luis Carlos Galán, Puerto Nuevo, Libertadores, Mercurio, El Zafiro La Mariana, Cesar Augusto, Piemonte, El Divino Niño, Júpiter, La Romelia, zona Industrial, Autopista del café, Lara Bonilla, Villa Carola, Galaxia, la Floresta, Bosques de la Acuarela, Los Pinos, Los Guamos, Boca Canoa, El Rosal, Las Acacias, Rivera Baja, Nueva Colombia. | Recolección | 06:00 - 18:00 |
| 2          | 17002006   | Diurno | OEY 003           | Martes - viernes | Camilo torres Plan 3 zona 1-6, Pueblo Sol Medio y Bajo, Solidaridad por Colombia, Altos de La Capilla, Altos de La Soledad, El diamante Loma linda, La Soledad, Cerro Azul, El Ensueño, Panorama Contry 1-2-3, Multifamiliares Primavera Asul, Primavera Asul, Parque Residencial Modelia, El Modelo. Barro Blanco, Nueva granada, San Diego, Guadualito, El Martillo, Terrazino, El Mirador.   | Recolección | 06:00 - 18:00 |
| 2          | 17002007   | Diurno | OEY 004           | Martes - viernes | Santa Teresita, Siete de Agosto, Versalles, Los Naranjos, Arrayanes, Primero de Agosto, Cartones y Papeles de Risaralda, Garma, Guayacanes, Villa del Campo.  | Recolección | 06:00 - 18:00 |
| 2          | 17002008   | Diurno | OEY 021           | Martes - viernes | Buenos Aires, Guadalupe, San Nicolas, Iducentro,  | Recolección | 06:00 - 18:00 |

**MACRO RUTA 3 (MIÉRCOLES Y SÁBADO)**

| MACRO RUTA | MICRO RUTA | TURNO  | EQUIPO PROGRAMADO | FRECUENCIA         | SECTOR  | SERVICIO    | HORARIO       |
|------------|------------|--------|-------------------|--------------------|---|-------------|---------------|
| 3          | 17003009   | Diurno | OEY 002           | Miércoles - Sábado | EDS del café, Avenida la esperanza, Milán, Villa de Lago, Rivera del Lago, Los Lagos, Mirador de Violetas, Violetas, Diego Jaramillo Cuartas, Los Rosales, La Carmelita, Balalaika, CAM, El Progreso, Jardín Colonial, los Cábulos, Catalán, Villas del Pilar, Villas de los Molinos I y II, Girasol, Molinos del sol, Torredales, Pablo Sexto, Los Molinos, Las Colinas, Rafael García, la Esmeralda, villa Vento I,II y II, San Fernando. | Recolección | 06:00 - 18:00 |
| 3          | 17003010   | Diurno | OEY 003           | Miércoles - Sábado | Diagonal 21 a 25 Avenida Las Torres, La Julita. San Rafael, Olaya Herrera, Vía Naranjales, Escuela Frailes sede 2, La Playita, Comuneros, Nueva Esperanza, Villa Mariela Diana Turbay, Camilo Mejía Duque, Álvaro Patiño Amariles I y II, Altos de Villa Mariela, Vela I y II, Saturno, Santiago Londoño, Lara Bonilla, Palmar del Otún, Monte Bonito, Mirador de la Estancia.  | Recolección | 06:00 - 18:00 |
| 3          | 17003011   | Diurno | OEY 004           | Miércoles - Sábado | La Pradera, Santa Mónica, Torres de Santa Monica, Terranova, La Sultana, Mirador de Santa Mónica, Villas de Santa Mónica, Altos de Santa Mónica, Villa Clara, Las Gemelas, Las Auroras, Valher.   | Recolección | 06:00 - 18:00 |
| 3          | 17003012   | Diurno | OEY 021           | Miércoles - Sábado | El Balso, Barrio Atún, Mirador de la popa, Villa Fanny, Abedules, La Campiña, El Japón, Cambulos.   | Recolección | 06:00 - 18:00 |

### MACRO RUTA 4 (LUNES - MIÉRCOLES - VIERNES)

| MACRO RUTA | MICRO RUTA | TURNO  | EQUIPO PROGRAMADO | FRECUENCIA                  | SECTOR  | SERVICIO    | HORARIO       |
|------------|------------|--------|-------------------|-----------------------------|---|-------------|---------------|
| 4          | 17004013   | Diurno | OEY 046           | Lunes - Miércoles - Viernes | Sakabuma. Teka, Matiz, Papiro, Mitaka, Bambú, Portal de La Macarena. Torres de Santa Marta, Siena, Bosques de San Martín, Tadaima, Los Cerezos.   | Recolección | 06:00 - 18:00 |
| 4          | 17004014   | Diurno | OEY 032           | Lunes - Miércoles - Viernes | Opalo, Villas del Campestre, Portal de La Pradera, Maracay, Quintas de Aragón, Multifamiliares Los Juncos, Villas de Marcos 1 - 2, Zaguán de Las Villas, Bosques de La Acuarela 1 - 2 - 3 - 4, Makro, Hitachi, Fruver sector Playa Rica.  | Recolección | 06:00 - 18:00 |
| 4          | 17004015   | Diurno | OEY 048           | Lunes - Miércoles - Viernes | Loma Linda, El Mirador, Terrazino, Metropolitan, Molivento de las Villas 1, Quintas de Jardín Colonial, Jardín Colonial 2, Villavento, Palmar de Villavento 1 - 2, Zaguán de Villavento, Mirador de Villavento, Villavento Alto y Sevilla, tienda Ara Villavento, Tienda D1 Villavento, Andalucía, C.C El Progreso, Tienda Olímpica, Fruver sector el Crucero Av Simón Bolívar. | Recolección | 06:00 - 18:00 |

### MACRO RUTA 5 (MARTES - JUEVES - SABADO)

| MACRO RUTA | MICRO RUTA | TURNO  | EQUIPO PROGRAMADO | FRECUENCIA               | SECTOR  | SERVICIO    | HORARIO       |
|------------|------------|--------|-------------------|--------------------------|---|-------------|---------------|
| 5          | 17005016   | Diurno | OEY 046           | Martes - Jueves - Sábado | Provenza, Portal del Parque, Granate, Los Almendros, Torres de La Arboleda, Arboleda de Santa Mónica, Tienda D1 Calle 18, Rincón de La Pradera, Senderos de La Pradera, Reservas de La Pradera, Restaurante El Zurriago, Tienda Ara del Japón Calle 8, Tienda D1 Japón Calle 8 Boreal, Central Park Acqua Hills, Montebonito Apartamentos, Tienda Olímpica Montebonito, Fruver Japón Calle 8. | Recolección | 06:00 - 18:00 |
| 5          | 17005017   | Diurno | OEY 048           | Martes - Jueves - Sábado | Central Park Majestic, Guadales del Otún, Villas de La Pradera, Caminos de La Pradera, Bonanza de La Pradera, Torres Ambar, Cipress, Alta Pradera 1 - 2, Terrazas del Lago, Reservas del Lago, Mirador de La Pradera, Tienda D1 Frailles, Tienda D1 Violetas, Tienda Ara Violetas.  | Recolección | 06:00 - 18:00 |
| 5          | 17005018   | Diurno | OEY 032           | Martes - Jueves - Sábado | La Floresta, Galatea, Terragrata, Quintas de Milán, Bosques de Milán, Reservas de Milán, Santa María de Milán, Guadales de Milán, Jardines de Milán, Quintas de Baleares, Coomnes, Colmenares, Terrazas de Milán, Santa Barbara, Prado Verde, Centro Comercial Único, Mercamás, Moretti, Tienda D1 Milán, Fruver Avenida La Esperanza.  | Recolección | 06:00 - 18:00 |

### MACRO RUTA 6 (LUNES A DOMINGO)

| MACRO RUTA | MICRO RUTA | TURNO  | EQUIPO PROGRAMADO | FRECUENCIA      | SECTOR   | SERVICIO    | HORARIO       |
|------------|------------|--------|-------------------|-----------------|--|-------------|---------------|
| 6          | 17006019   | Diurno | OEY 022           | Lunes a Domingo | Av Simón Bolívar La Romelia, Viaducto Cesar Gaviria, Avidesa de Occidente, Deli Crunch, Makro, Arturo Calle, Hospital Santa Mónica, C.C Plaza del Sol, Mercamas, Kosta Azul, Postobon, Super Inter Balalaika, Construyamos Colombia, C.C El Progreso, Fruver Buenos Aires, Avenida del Ferrocarril, Maracay, Calle 18 Santa Mónica, Carrera 21, Avenida Las Torres, Calle 21 desde la calle 21 hasta la avenida La Esperanza, Avenida La Esperanza hasta Jardines de Milán, Avenida la Esperanza hasta la calle 19, carrera 19 entre la Avenida La Esperanza y calle 18, Avenida Simón Bolívar hasta Puente de intersección con Avenida Ferrocarril, Avenida Ferrocarril hasta zona rosa La Badea, Rotonda Servientrega hasta barrio La Romelia. | Recolección | 06:00 - 18:00 |

### MACRO RUTA 7 (LUNES A SABADO)

| MACRO RUTA | MICRO RUTA | TURNO    | EQUIPO PROGRAMADO | FRECUENCIA     | SECTOR   | SERVICIO    | HORARIO       |
|------------|------------|----------|-------------------|----------------|--|-------------|---------------|
| 7          | 17007020   | Nocturno | OEY 022           | Lunes a Sábado | Av Simón Bolívar La Romelia, Viaducto Cesar Gaviria, Avenida del Ferrocarril, Maracay, Calle 18 Santa Mónica, Carrera 21, Avenida Las Torres, Calle 21 desde la calle 21 hasta la avenida La Esperanza, Avenida La Esperanza hasta Jardines de Milán, Avenida la Esperanza hasta la calle 19, carrera 19 entre la Avenida La Esperanza y calle 18, Avenida Simón Bolívar hasta Puente de intersección con Avenida Ferrocarril, Avenida Ferrocarril hasta zona rosa La Badea, Rotonda Servientrega hasta barrio La Romelia. | Recolección | 18:00 - 06:00 |

### 7.3.4. Vehículos, equipos y/o elementos

Utilizados en la operación para la recolección de los residuos no aprovechables y de aquellos generados en las actividades complementarias de barrido, limpieza, corte de césped y/o poda de árboles

| Tipo de vehículo equipos | Unidad | Capacidad | Cantidad |
|--------------------------|--------|-----------|----------|
| Compactador              | Un     | 25 yardas | 9        |
| Compactador              | Un     | 16 yardas | 1        |
| Volqueta                 | Un     | 7 m3      | 1        |
| Vehículo Satélite        | Un     | 750 kg    | 3        |
| Ampliroll                | Un     | 10 m3     | 1        |
| Barredora Mecánica       | Un     | 4 m3      | 1        |
| Vehículos de supervisión | Un     | 0         | 1        |

### 7.3.5. Personal y dotación

| Cargo                    | Cantidad | Descripción de la dotación por cargo                          |
|--------------------------|----------|---|
| Coordinador              | 1        | No  |
| Supervisor               | 1        | Gorra, camisa, pantalón y botas                               |
| Operarios de recolección | 37       | Gorra, camisa, pantalón, botas, guantes, tapa boca, delantal. |
| Conductor                | 11       | Gorra, camisa, pantalón, botas, tapa boca.                    |

### 7.3.6. Censo de puntos críticos

El censo de puntos críticos es realizado de manera periódica por la secretaria de Desarrollo Agropecuario y gestión Ambiental lo anterior a través de los contratos suscritos por esta dependencia de la Administración municipal y cuyo objeto es realizar la recolección de residuos especiales en los puntos críticos del municipio. Desde la SDAGA se ha reportado mensualmente a los entes de control como secretaria de gobierno y a la policía ambiental, para la respectiva intervención de la autoridad y el cumplimiento del comparendo ambiental.



**SERVICIUDAD ESP**  
Empresa Industrial y Comercial del Estado  
NIT. 816.001.609-1  
NUIR 1-661700002

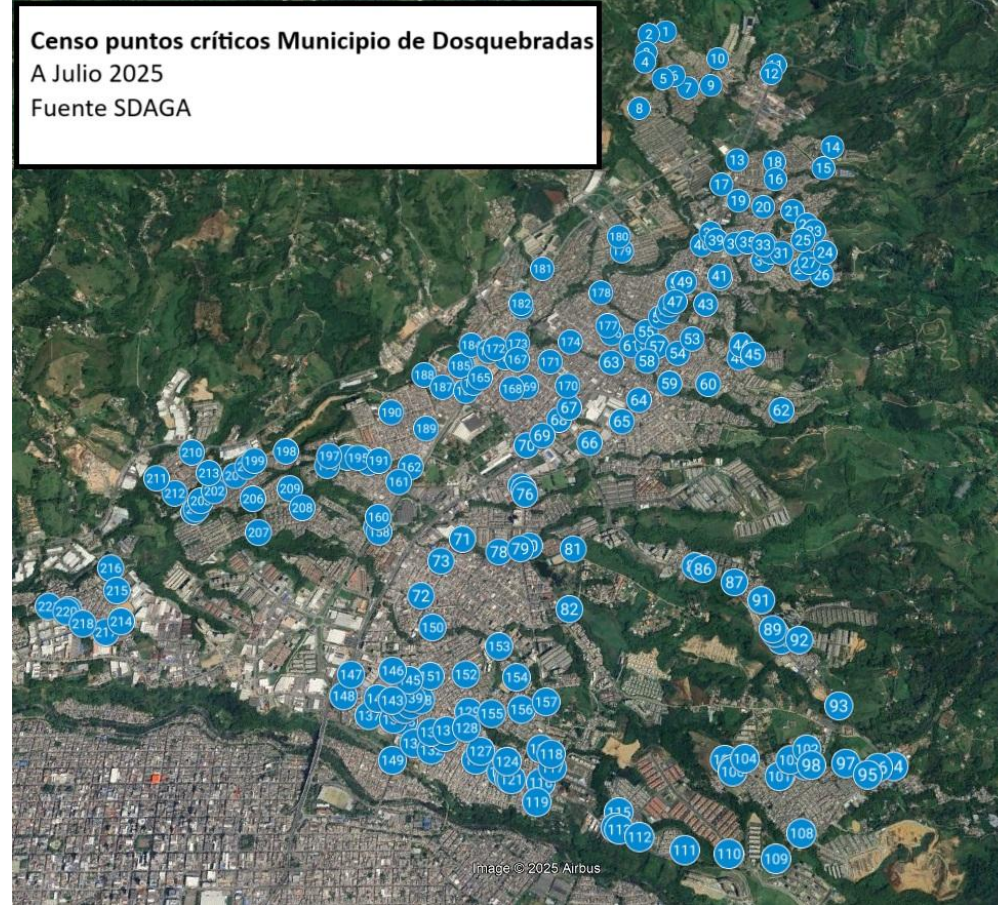


A julio 29 de 2025 el Censo de puntos críticos del municipio de Dosquebradas ascendía a 221; a continuación, presentamos plano de ubicación y base de datos con las respectivas coordenadas.



BASE DE DATOS CENSO PUNTOS CRITICOS – ACTUALIZACION JUL 2025

**Censo puntos críticos Municipio de Dosquebradas**  
A Julio 2025  
Fuente SDAGA



| N°. | Ubicación   |                              | Caracterización |             |     | Zona impactada                    |  |              |                       |                        |
|-----|---|------------------------------|-----------------|-------------|-----|-----------------------------------|--|--------------|-----------------------|------------------------|
|     | Sector  | Coordenadas                  | Ordinarios      | Voluminosos | RCD | Zona de protección cuerpo hídrico | Espacio público (Vía, andén, parque, esquina, etc) | Zona boscosa | Afectación de paisaje | Condiciones sanitarias |
| 1   | Los Guamos  | 4°51'41.6"N 75°39'39.5"W     | X               | X           | X   |                                   | X  |              | X                     | X                      |
| 2   | Bocacanoa   | 4°51'41.5"N 75°39'43.5"W     | X               | X           |     |                                   | X  | X            | X                     | X                      |
| 3   | Gimnasio al aire libre Bocacanoa                              | 4°51'36.2"N 75°39'44.9"W     | X               | X           | X   |                                   | X  |              | X                     | X                      |
| 4   | Vía principal barrio Bocacanoa                                | 4°51'33.5"N 75°39'45.7"W     |                 | X           |     |                                   | X  |              |                       |                        |
| 5   | Tv. 8 #69, Bosques de la Acuarela                             | 4°51'28.7"N 75°39'42.2"W     |                 | X           | X   |                                   | X  | X            |                       |                        |
| 6   | Guadual barrio la Floresta                                    | 4°51'29.3"N 75°39'39.4"W     | X               | X           | X   | X                                 | X  | X            | X                     | X                      |
| 7   | Bosques de la Acuarela, Dg. 72 #9-90                          | 4°51'25.6"N 75°39'36.9"W     | X               | X           |     |                                   | X  | X            | X                     | X                      |
| 8   | Bosques de la Acuarela, entrada vereda Filobonito             | 4°51'20.4"N 75°39'49.1"W     | X               | X           | X   |                                   | X  | X            | X                     | X                      |
| 9   | Galaxia, Tv. 10 #72-136                                       | 4°51'25.8"N 75°39'31.5"W     | X               | X           | X   | X                                 | X  |              | X                     | X                      |
| 10  | Dg. 80 #8-2 detrás de Concisa                                 | 4°51'33.4"N 75°39'28.5"W     | X               | X           |     |                                   | X  |              | X                     | X                      |
| 11  | Av. Simón Bolívar, guadual La Romelia                         | 4°51'29.5"N 75°39'15.6"W     |                 | X           |     |                                   | X  |              |                       |                        |
| 12  | Simón Bolívar #80-116, La Romelia                             | 4°51'27.2"N 75°39'17.1"W     |                 | X           |     |                                   | X  |              |                       |                        |
| 13  | Av. Simón Bolívar, calle 75                                   | 4°51'04.3"N 75°39'29.4"W     |                 | X           |     |                                   | X  |              |                       |                        |
| 14  | Calle 75, barrio Piamonte                                     | 4°51'03.9"N 75°39'08.1"W     |                 | X           | X   |                                   | X  |              |                       |                        |
| 15  | Calle 73 con Cra 19 Libertadores                              | 4°50'58.8"N 75°39'11.2"W     |                 | X           |     |                                   | X  | X            |                       |                        |
| 16  | Sinal, La Mariana Calle 72                                    | 4°50'57.65"N 75°39'22.15"W   | X               | X           | X   |                                   | X  | X            |                       |                        |
| 17  | Av. Simón Bolívar #70-202, frente a Paneska                   | 4°50'58.1"N 75°39'34.1"W     | X               | X           | X   |                                   |  | X            | X                     | X                      |
| 18  | Cra. 16f #74, barrio Divino Niño                              | 4°51'2.27"N 75°39'21.43"W    | X               | X           | X   | X                                 | X  |              |                       | X                      |
| 19  | La Mariana Calle 70 con calle 74                              | 4°50'53.2"N 75°39'31.3"W     |                 | X           | X   |                                   | X  |              |                       |                        |
| 20  | Av. Principal barrio Alpes entrada Bellavista                 | 4°50'50.6"N 75°39'26.3"W     | X               | X           | X   |                                   | X  |              |                       | X                      |
| 21  | Caseta comunal barrio Bellavista                              | 4°50'48.2"N 75°39'20.4"W     | X               | X           | X   |                                   | X  |              |                       | X                      |
| 22  | Cra. 19c #69 Camilo Torres                                    | 4°50'44.2"N 75°39'18.1"W     | X               | X           | X   |                                   | X  |              |                       | X                      |
| 23  | Cl. 71 #23b Pueblo Sol  | 4°50'41.9"N 75°39'17.1"W     |                 | X           | X   |                                   |  |              | X                     | X                      |
| 24  | Cancha Pueblo Sol Bajo  | 4°50'36.7"N 75°39'15.7"W     |                 | X           | X   |                                   | X  |              |                       |                        |
| 25  | Cl. 69b #21-107 Pueblo Sol Bajo                               | 4°50'40.3"N 75°39'19.8"W     | X               | X           | X   |                                   | X  |              | X                     | X                      |
| 26  | Altos de la Soledad, calle 64                                 | 4°50'31.5"N 75°39'17.5"W     |                 | X           |     |                                   |  | X            | X                     | X                      |
| 27  | Pueblo sol  | 4°50'35.0"N 75°39'19.5"W     | X               | X           | X   |                                   | X  |              | X                     | X                      |
| 28  | Calle 64 Alto de la Capilla                                   | 4°50'33.6"N 75°39'21.3"W     |                 | X           |     |                                   | X  |              | X                     |                        |
| 29  | Calle 54 con calle 68 Pueblo Sol                              | 4°50'33.8"N 75°39'20.7"W     |                 | X           | X   |                                   | X  |              |                       |                        |
| 30  | Camilo Torres Cl. 68a #20a-2                                  | 4°50'38.4"N 75°39'27.2"W     | X               | X           | X   |                                   | X  |              |                       |                        |
| 31  | Caseta comunal Camilo Torres                                  | 4°50'37.9"N 75°39'24.9"W     | X               | X           | X   |                                   | X  |              |                       |                        |
| 32  | Cl. 69 #19-198 Camilo Torres                                  | 4°50'40.9"N 75°39'27.8"W     | X               | X           | X   |                                   | X  |              |                       |                        |
| 33  | Cl. 69 #19 Camilo Torres                                      | 4°50'40.7"N 75°39'28.3"W     | X               | X           | X   |                                   | X  |              |                       |                        |
| 34  | Cra. 20c #66c-65 Camilo Torres                                | 4°50'36.7"N 75°39'29.2"W     |                 | X           |     |                                   | X  |              |                       |                        |
| 35  | Camilo Torres, Cl. 69 #19-28                                  | 4°50'41.9"N 75°39'31.5"W     |                 | X           | X   |                                   | X  |              |                       |                        |
| 36  | Cl. 69 #19-28 entrada Camilo Torres                           | 4°50'42.042"N 75°39'32.041"W |                 | X           | X   |                                   | X  |              |                       |                        |
| 37  | Entrada Camilo Torres Cl. 67 #19-2                            | 4°50'42.0"N 75°39'34.2"W     | X               | X           | X   |                                   | X  |              |                       |                        |
| 38  | Av. Simón Bolívar #68, Camilo Torres Plan 1                   | 4°50'45.6"N 75°39'38.8"W     | X               | X           | X   |                                   | X  |              |                       |                        |
| 39  | Cl. 68 #16-167, Camilo Torres                                 | 4°50'43.5"N 75°39'38.0"W     |                 | X           | X   |                                   | X  |              |                       |                        |
| 40  | Av. Simón Bolívar #67-2, Colegio Cristo Rey                   | 4°50'42.8"N 75°39'41.3"W     |                 | X           |     |                                   | X  |              |                       |                        |
| 41  | La Capilla, Cl. 64 #19-37                                     | 4°50'34.4"N 75°39'38.9"W     | X               | X           | X   |                                   | X  |              |                       |                        |
| 42  | Cl. 64 #19-37 La Capilla punto 2                              | 4°50'33.7"N 75°39'38.9"W     | X               | X           |     | X                                 | X  | X            | X                     | X                      |
| 43  | Barrio Cerro Azul junto al Shut                               | 4°50'27.6"N 75°39'43.2"W     | X               | X           | X   |                                   | X  |              |                       | X                      |
| 44  | Puerto Nuevo Cra 23 lote                                      | 4°50'16.3"N 75°39'37.9"W     | X               | X           | X   |                                   |  | X            | X                     |                        |
| 45  | El Ensueño, entrada   | 4°50'13.8"N 75°39'35.9"W     | X               | X           | X   |                                   |  | X            |                       | X                      |
| 46  | Entrada El Ensueño  | 4°50'13.1"N 75°39'39.0"W     | X               | X           | X   |                                   |  | X            |                       |                        |
| 47  | Cra 16 con 58 Av Simón Bolívar                                | 4°50'29.3"N 75°39'49.4"W     |                 | X           |     |                                   | X  | X            |                       |                        |
| 48  | Entrada barrio San Diego Av Simón Bolívar (Sector Guadualito) | 4°50'27.03"N 75°39'51.41"W   | X               | X           | X   |                                   | X  | X            | X                     | X                      |

| N°. | Ubicación   |                            | Caracterización |             |     | Zona impactada                    |  |              |                       |                        |
|-----|---|----------------------------|-----------------|-------------|-----|-----------------------------------|--|--------------|-----------------------|------------------------|
|     | Sector  | Coordenadas                | Ordinarios      | Voluminosos | RCD | Zona de protección cuerpo hídrico | Espacio público (Vía, andén, parque, esquina, etc) | Zona boscosa | Afectación de paisaje | Condiciones sanitarias |
| 49  | Av. Simón Bolívar, lote calle 61                          | 4°50'33.9"N 75°39'46.5"W   |                 | X           |     |                                   | X  |              |                       |                        |
| 50  | Parque Santa Teresita Cl. 61 #15b-2                       | 4°50'33.8"N 75°39'48.1"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 51  | Av. Simón Bolívar # 57                                    | 4°50'28.66"N 75°39'50.63"W |                 | X           | X   | X                                 | X  | X            | X                     |                        |
| 52  | Av. Simón Bolívar #53-77, entrada San Diego               | 4°50'25.9"N 75°39'53.2"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 53  | Colegio San Diego, Calle 56                               | 4°50'19.4"N 75°39'47.6"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 54  | El Martillo, Cl. 52 #19-40                                | 4°50'16.5"N 75°39'51.1"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 55  | Cl. 52 #16-2, frente talleres INTEGRA                     | 4°50'22.7"N 75°39'56.7"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 56  | Cl. 50 #16-Modelo   | 4°50'19.6"N 75°39'57.0"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 57  | Barrio Modelo, Cra. 18 #51-2                              | 4°50'18.8"N 75°39'55.0"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 58  | Barrio Modelo Cra. 18a #49-04                             | 4°50'15.6"N 75°39'57.7"W   | X               | X           | X   |                                   | X  |              | X                     | X                      |
| 59  | Puente Barro Blanco                                       | 4°50'09.6"N 75°39'54.0"W   | X               | X           | X   | X                                 | X  |              | X                     | X                      |
| 60  | Primavera Asul, Cl.48 #22a-2                              | 4°50'08.1"N 75°39'46.3"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 61  | Avenida Simón Bolívar, frente a la casa de la cultura     | 4°50'19.7"N 75°40'00.3"W   |                 | X           |     |                                   |  |              |                       |                        |
| 62  | Primavera Asul, frente a la Mt 26- 27                     | 4°49'60.0"N 75°39'32.9"W   | X               | X           | X   |                                   | X  | X            | X                     | X                      |
| 63  | Av. Simón Bolívar #46-57, puente Las Garzas               | 4°50'16.3"N 75°40'05.0"W   | X               | X           | X   | X                                 | X  |              | X                     | X                      |
| 64  | Cl. 43 #19 barrio San Fernando                            | 4°50'06.6"N 75°40'00.8"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 65  | Av Los molinos , Dagonal 42 hasta la calle 38             | 4°50'02.2"N 75°40'05.0"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 66  | Lote Cl. 36 #19-2, detrás del CAM                         | 4°49'58.4"N 75°40'12.1"W   |                 | X           | X   |                                   | X  |              |                       | X                      |
| 67  | Av. Simón Bolívar #36-60, Guadalupe                       | 4°50'06.9"N 75°40'15.1"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 68  | Antiguo intercambiador, frente al CAM                     | 4°50'04.4"N 75°40'17.5"W   |                 | X           |     |                                   | X  |              |                       |                        |
| 69  | Av. Simón Bolívar #34-55                                  | 4°50'01.3"N 75°40'21.3"W   |                 | X           | X   |                                   | X  |              |                       | X                      |
| 70  | Av. Simón Bolívar #29, CHEC                               | 4°49'59.5"N 75°40'24.7"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 71  | Cra 19 calle 24 La Pradera                                | 4°49'40.9"N 75°40'39.5"W   | X               | X           | X   | X                                 | X  |              | X                     | X                      |
| 72  | Av. Sta. Mónica   | 4°49'30.2"N 75°40'48.5"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 73  | Av. Principal La Pradera Cl. 21                           | 4°49'36.86"N 75°40'44.07"W | X               | X           | X   |                                   |  |              |                       |                        |
| 74  | Tv. 21 #26b-92 Av. Molinos                                | 4°49'50.8"N 75°40'26.9"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 75  | Tv. 21 #26b-2 Av. Molinos                                 | 4°49'49.89"N 75°40'26.47"W | X               | X           | X   |                                   | X  |              |                       |                        |
| 76  | Av. Molinos Tv. 21 #26b-2                                 | 4°49'48.84"N 75°40'26.31"W |                 |             | X   | X                                 | X  |              |                       |                        |
| 77  | Cra 19 calle 24 La Pradera                                | 4°49'40.9"N 75°40'39.5"W   |                 | X           | X   | X                                 | X  |              |                       |                        |
| 78  | La Pradera, Cl. 25 #20-203                                | 4°49'37.3"N 75°40'32.8"W   |                 | X           | X   | X                                 | X  |              |                       | X                      |
| 79  | Transversal 21, glorieta Lago de La Pradera               | 4°49'37.4"N 75°40'28.6"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 80  | Dg. 25, Glorieta Lago de la Pradera                       | 4°49'37.8"N 75°40'26.8"W   |                 | X           | X   | X                                 | X  |              |                       |                        |
| 81  | Cl. 25 #24-2, Lagode la Pradera                           | 4°49'36.0"N 75°40'18.5"W   |                 | X           | X   |                                   | X  |              |                       | X                      |
| 82  | Tv. 24 #21-81 La Pradera                                  | 4°49'23.8"N 75°40'20.9"W   |                 | X           | X   |                                   | X  |              |                       | X                      |
| 83  | Vía las Violetas, Cl. 26 #28a                             | 4°49'28.9"N 75°39'56.1"W   |                 | X           | X   |                                   | X  |              |                       | X                      |
| 84  | Cl. 26 #29-2, víaLas Violetas                             | 4°49'28.6"N 75°39'55.7"W   |                 | XX          | X   |                                   | XX   |              |                       | X                      |
| 85  | Cl. 26 #29-2, víaLas Violetas                             | 4°49'28.6"N 75°39'55.7"W   |                 | X           |     |                                   | X  |              |                       |                        |
| 86  | Vía Frailes, frente a la Cra 29ª                          | 4°49'28.1"N 75°39'54.7"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 87  | Calle 27 con Cra 31 Las Violetas                          | 4°49'24.5"N 75°39'49.4"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 88  | Los Rosales, vía principal con 34 bis                     | 4°49'13.4"N 75°39'43.9"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 89  | Vía Frailes, Cra 34bis                                    | 4°49'14.3"N 75°39'44.2"W   |                 | X           | X   |                                   | X  | X            |                       |                        |
| 90  | Calle 27, vía Frailes Diagonal a la Panadería Los Rosales | 4°49'11.96"N 75°39'43.09"W |                 | X           | X   |                                   | X  |              | X                     |                        |
| 91  | Cl. 27a #33-107 parte baja Parque Violetas                | 4°49'20.3"N 75°39'45.1"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 92  | Los Rosales, calle 28 con cra 34 a bis                    | 4°49'11.7"N 75°39'39.7"W   |                 | X           |     |                                   | X  |              |                       |                        |
| 93  | Vía Frailes, Calle 27 hacia los Rosales                   | 4°48'58.5"N 75°39'55.3"W   | X               | X           | X   |                                   | X  | X            | X                     | X                      |
| 94  | Secot comuneros - La playita                              | 4°48'46.5"N 75°39'28.2"W   |                 | X           | X   |                                   | X  |              |                       | X                      |
| 95  | Cra 44, centro logístico Frailes                          | 4°48'45.7"N 75°39'33.0"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 96  | Calle 44 #24-37 Frailes                                   | 4°48'46.7"N 75°39'30.9"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 97  | Villa Mariela, Frailes Calle 24ª                          | 4°48'48.2"N 75°39'36.3"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 98  | Cl. 21 #40ª 22 Álvaro Patiño                              | 4°48'48.7"N 75°39'42.4"W   | X               | X           | X   |                                   | X  |              |                       | X                      |

| Nº. | Ubicación  |                            | Caracterización |             |     | Zona impactada                    |  |              |                       |                        |
|-----|--|----------------------------|-----------------|-------------|-----|-----------------------------------|--|--------------|-----------------------|------------------------|
|     | Sector   | Coordenadas                | Ordinarios      | Voluminosos | RCD | Zona de protección cuerpo hídrico | Espacio público (Vía, andén, parque, esquina, etc) | Zona boscosa | Afectación de paisaje | Condiciones sanitarias |
| 99  | Álvaro Patiño, Cra 40ª entre calle 20 - 20ª                      | 4°48'48.8"N 75°39'43.6"W   | X               | X           | X   |                                   | X  |              | X                     | X                      |
| 100 | Cra 40 a Calle 16ª Santiago Londoño                              | 4°48'47.6"N 75°39'48.1"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 101 | Cra 40ª con calle 16ª Frailes                                    | 4°48'47.5"N 75°39'48.4"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 102 | Barrio Villa Luz Frailes, Calle 22                               | 4°48'51.6"N 75°39'42.6"W   |                 | X           | X   |                                   |  |              | X                     | X                      |
| 103 | Cra 40 Calle 18 Villa Mariela                                    | 4°48'50.1"N 75°39'45.9"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 104 | Álvaro Patiño Cra 39 con 15ª                                     | 4°48'51.4"N 75°39'53.8"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 105 | Cra 39 calle 14 Saturno  | 4°48'49.9"N 75°39'56.3"W   | X               | X           |     |                                   | X  |              | X                     | X                      |
| 106 | Cancha Barrio Saturno  | 4°48'49.4"N 75°39'56.4"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 107 | Álvaro Patiño 2 Frente a la Mz 5 Casa 11                         | 4°48'51.7"N 75°39'57.4"W   | X               | X           | X   |                                   |  |              |                       | X                      |
| 108 | Entrada Guaduales del Otún                                       | 4°48'37.3"N 75°39'46.6"W   |                 | X           |     |                                   |  | X            | X                     |                        |
| 109 | Vía Frailes, zona central Park                                   | 4°48'33.52"N 75°39'51.98"W |                 | X           | X   |                                   |  | X            | X                     |                        |
| 110 | Entrada Montebonito  | 4°48'35.4"N 75°39'59.8"W   |                 | X           | X   |                                   | X  |              | X                     |                        |
| 111 | Av. Japón Frailes diagonal a Mirador de la Estancia              | 4°48'37.0"N 75°40'07.2"W   |                 |             | X   |                                   | X  | X            | X                     |                        |
| 112 | Mirador la Estancia # 31, vía principal Japón Frailes            | 4°48'40.2"N 75°40'14.6"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 113 | Mirador de la Estancia # 32-29                                   | 4°48'41.9"N 75°40'17.9"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 114 | Av. Japón- Frailes, cerca a la entrada al Mirador de la Estancia | 4°48'42.3"N 75°40'18.5"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 115 | Mirador de la Estancia, parqueadero                              | 4°48'44.9"N 75°40'17.5"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 116 | Calle 8 Cra 30 Japón   | 4°48'51.9"N 75°40'30.4"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 117 | Cra. 31 #8-199   | 4°48'54.3"N 75°40'28.0"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 118 | Cra 21 #41-47  | 4°48'56.8"N 75°40'27.9"W   |                 | X           | X   |                                   | X  |              |                       | X                      |
| 119 | San Gregorio Cra 30 calle 6                                      | 4°48'48.7"N 75°40'31.5"W   | X               | X           | X   |                                   | X  |              | X                     | X                      |
| 120 | Cancha La Okarina  | 4°48'58.0"N 75°40'29.6"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 121 | Cl. 8 #27 Villa Alkin  | 4°48'53.1"N 75°40'35.5"W   |                 | X           |     |                                   | X  |              |                       |                        |
| 122 | Calle 8 cra 27b El Japón   | 4°48'53.3"N 75°40'35.9"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 123 | Manzana 5 casa 11 altos del Edén, El Japón                       | 4°48'53.9"N 75°40'36.2"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 124 | Cra. 27a #8 Villa Laura  | 4°48'56.4"N 75°40'35.9"W   |                 | X           | X   |                                   | X  |              |                       | X                      |
| 125 | Cra. 27a #8 Villa Laura  | 4°48'54.7"N 75°40'37.2"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 126 | Cra. 25 #7-81, El Japón  | 4°48'57.4"N 75°40'41.4"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 127 | El Japón, Cl. 9 #25-04   | 4°48'58.9"N 75°40'40.4"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 128 | Cl. 10 #23 a Japón   | 4°49'03.5"N 75°40'42.5"W   |                 | X           | X   |                                   | X  |              |                       | X                      |
| 129 | Antiguo Polideportivo El Japón                                   | 4°49'06.5"N 75°40'41.8"W   |                 | X           | X   |                                   | X  |              | X                     | X                      |
| 130 | Cra. 22b #8-2, Av. Principal Japón                               | 4°49'02.2"N 75°40'46.6"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 131 | Calle 9 # 22b-11 Japón   | 4°49'03.5"N 75°40'46.1"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 132 | Cl. 7 #22-24 Japón   | 4°49'00.3"N 75°40'49.2"W   |                 | X           |     |                                   |  |              |                       | X                      |
| 133 | El Japón, Cra. 22 #8-2   | 4°49'03.5"N 75°40'48.9"W   |                 | X           |     |                                   |  |              |                       |                        |
| 134 | Cl. 7 #20, El Japón  | 4°49'01.9"N 75°40'52.2"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 135 | Barrio Japón, Cra. 19 #8-60, Iglesia Pentecostal                 | 4°49'06.2"N 75°40'53.7"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 136 | Av. Principal Japón Cl. 8 #19-93                                 | 4°49'06.8"N 75°40'55.5"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 137 | Japón, Cl. 8 #17-2   | 4°49'08.1"N 75°40'59.9"W   |                 | X           | X   |                                   | X  |              |                       | X                      |
| 138 | Cl. 10 #18a-43 Japón   | 4°49'09.8"N 75°40'50.3"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 139 | Cra. 18 #9 Japón   | 4°49'10.4"N 75°40'51.9"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 140 | Tv. 19 #9, El Japón  | 4°49'09.1"N 75°40'52.2"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 141 | Tv. 19 #8d-93, La Gran Ferrería                                  | 4°49'08.4"N 75°40'53.3"W   |                 | X           | X   |                                   | X  |              |                       | X                      |
| 142 | Frente a la Tv. 19 #8d-93  | 4°49'08.6"N 75°40'54.0"W   |                 |             | X   |                                   | X  | X            |                       |                        |
| 143 | Cra. 17a #8d-55, Villa Fanny                                     | 4°49'10.4"N 75°40'55.5"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 144 | Cra. 17 # 8c 17 Colegio Santa Sofia Villa Fanny                  | 4°49'11.1"N 75°40'58.1"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 145 | Los Cúmbulos, Calle 11 Cra 18                                    | 4°49'13.9"N 75°40'52.1"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 146 | Cra 17 calle 12, al lado del D1 Valher                           | 4°49'16.1"N 75°40'55.0"W   | X               | X           | X   |                                   |  | X            |                       |                        |
| 147 | Cra 16 # 8 La Popa   | 4°49'16.3"N 75°41'02.7"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 148 | Cra. 16b #8-8, La Popa   | 4°49'12.4"N 75°41'04.3"W   |                 | X           | X   |                                   | X  |              |                       |                        |

| N°. | Ubicación  |                            | Caracterización |             |     | Zona impactada                    |  |              |                       |                        |
|-----|--|----------------------------|-----------------|-------------|-----|-----------------------------------|--|--------------|-----------------------|------------------------|
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| 149 | Cl. 5 #19-119 a 19-69, San Judas                                     | 4°48'59.8"N 75°40'56.4"W   | X               | X           | X   |                                   | X  |              | X                     | X                      |
| 150 | Cra. 19a #12-2puente Santa Monica Las Auras                          | 4°49'23.6"N 75°40'46.9"W   | X               | X           | X   | X                                 | X  |              |                       | X                      |
| 151 | Cl. 11a #21b-37 LaAurora   | 4°49'14.11"N 75°40'48.14"W | X               | X           | X   |                                   | X  |              |                       |                        |
| 152 | La Aurora, Cra. 22 #12-46  | 4°49'13.5"N 75°40'41.6"W   | X               | X           | X   |                                   | X  |              | X                     |                        |
| 153 | La Sultana, frente a la Mz 25 Casa 11                                | 4°49'18.2"N 75°40'34.9"W   |                 | X           |     |                                   | X  |              |                       |                        |
| 154 | La Sultana, calle 15   | 4°49'11.7"N 75°40'32.4"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 155 | Cl. 12 #24 La Sultana  | 4°49'05.5"N 75°40'37.7"W   |                 | X           | X   | X                                 |  | X            | X                     | X                      |
| 156 | Cl. 14 #26 Parque La Sultana   | 4°49'05.5"N 75°40'32.2"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 157 | La Sultana Tv 31 Mz 14   | 4°49'06.3"N 75°40'27.6"W   |                 | X           | X   |                                   | X  | X            | X                     |                        |
| 158 | Cl. 20 #10 Maracay   | 4°49'44.5"N 75°40'55.5"W   | X               | X           | X   |                                   |  | X            | X                     | X                      |
| 159 | Av. Ferrocarril Cra. 10 #20-79                                       | 4°49'45.5"N 75°40'55.9"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 160 | Campestre D, Cra.10 #24-74   | 4°49'47.7"N 75°40'55.4"W   | X               | X           | X   | X                                 | X  | X            | X                     | X                      |
| 161 | Cra 10 Diag. 26 Glorieta Postobón                                    | 4°49'54.8"N 75°40'50.8"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 162 | Av. Ferrocarril Cra 10 lateral conjunto Zuitama                      | 4°49'57.8"N 75°40'48.2"W   |                 | X           |     |                                   | X  |              |                       |                        |
| 163 | Cra. 10 #32 Guadalupe  | 4°50'13.7"N 75°40'35.5"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 164 | Entrada Guadalupe Cl. 33 #10   | 4°50'15.4"N 75°40'33.8"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 165 | Antigua Plaza de Mercado, calle 34 esquina Guadalupe                 | 4°50'16.5"N 75°40'32.3"W   | X               | X           | X   |                                   | X  | X            |                       |                        |
| 166 | Cl. 40 #10-135 detrás de la antigua Plaza de Mercado                 | 4°50'20.6"N 75°40'26.6"W   | X               | X           | X   | X                                 | X  |              |                       | X                      |
| 167 | Cl. 40 #10b-43 Guadalupe   | 4°50'19.8"N 75°40'24.2"W   | X               | X           | X   | X                                 | X  |              |                       |                        |
| 168 | Parque Guadalupe, Calle 35   | 4°50'12.9"N 75°40'26.1"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 169 | Cra. 12 #37-55 Guadalupe   | 4°50'13.0"N 75°40'23.1"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 170 | Parque Buenos Aires, Calle 41 # 14ª                                  | 4°50'12.0"N 75°40'14.7"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 171 | Cra. 13 #42, esquina IE María Auxiliadora                            | 4°50'18.2"N 75°40'17.5"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 172 | Cra. 10 #41, Av. Ferrocarril   | 4°50'23.08"N 75°40'28.40"W | X               | X           | X   | X                                 | X  | X            |                       | X                      |
| 173 | Cra 10 bis 42-09 Playa Rica (SDAGA)                                  | 4°50'23.62"N 75°40'23.67"W | X               | X           | X   | X                                 |  |              | X                     | X                      |
| 174 | Cra. 13 #44-50 puente Buenos Aires Los Naranjos                      | 4°50'22.46"N 75°40'12.73"W | X               | X           | X   | X                                 |  | X            | X                     | X                      |
| 175 | Av. Ferrocarril, puente Q, La Amoladora, Entre Cra 10 C y calle 45 A | 4°50'32.4"N 75°40'21.7"W   | X               | X           | X   | X                                 | X  | X            | X                     | X                      |
| 176 | Cra. 15 #49-2, Parque Los Naranjos                                   | 4°50'23.3"N 75°40'03.9"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 177 | Parque Los Naranjos, Cra 14ª   | 4°50'25.4"N 75°40'04.4"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 178 | Cra. 12 #52-18, puente Los Naranjos, Santa Teresita                  | 4°50'33.8"N 75°40'04.6"W   | X               | X           | X   | X                                 | X  |              | X                     | X                      |
| 179 | Frente a la Manzana 39 casa 28, Bombay 2                             | 4°50'43.6"N 75°39'58.6"W   | X               | X           | X   | X                                 | X  |              | X                     | X                      |
| 180 | Cra. 12, Bombay  | 4°50'47.4"N 75°39'58.7"W   | X               | X           | X   | X                                 | X  |              | X                     | X                      |
| 181 | Cra. 10 #24-Av. Ferrocarril  | 4°50'41.3"N 75°40'16.2"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 182 | Av. Ferrocarril Cra 10 calle 45ª                                     | 4°50'33.3"N 75°40'21.8"W   | X               | X           | X   | X                                 | X  |              | X                     | X                      |
| 183 | Cra 10 calle 40 Santa Isabel   | 4°50'22.6"N 75°40'29.8"W   |                 | X           | X   | X                                 | X  | X            | X                     | X                      |
| 184 | Santa Isabel, Cra 1 La Arenera                                       | 4°50'24.6"N 75°40'33.3"W   | X               | X           | X   | X                                 |  | X            | X                     | X                      |
| 185 | Cl. 34 #7 Santa Isabel   | 4°50'19.9"N 75°40'36.1"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 186 | Cra. 8ª calle 34 Santa Isabel  | 4°50'20.1"N 75°40'35.6"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 187 | Cra. 7 #31b-45 Santa Isabel  | 4°50'15.3"N 75°40'40.2"W   | X               | X           | X   |                                   | X  |              | X                     | X                      |
| 188 | Cra. 2 #32-2 Santa Isabel  | 4°50'18.7"N 75°40'43.7"W   | X               | X           | X   | X                                 |  |              | X                     | X                      |
| 189 | Santa Isabel, Dg. 30 #7b-132   | 4°50'06.0"N 75°40'44.4"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 190 | Tv. 7 #27-39 frente al SENA Santa Isabel                             | 4°50'10.6"N 75°40'51.1"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 191 | Campestre A, Cra. 7 #25a-6   | 4°50'00.0"N 75°40'54.4"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 192 | Campestre A, Cra. 7 #25-2  | 4°49'59.8"N 75°40'56.4"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 193 | Frente a la Escuela Eduardo Carranza, Campestre A                    | 4°50'00.1"N 75°41'04.7"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 194 | Av. El Bohío, Tv. 8 #20-547  | 4°50'00.8"N 75°40'57.6"W   | X               | X           | X   |                                   | X  | X            |                       |                        |
| 195 | Tv 8 Cra 8ª El Bohío   | 4°50'01.1"N 75°40'58.5"W   |                 | X           | X   |                                   | X  | X            |                       |                        |
| 196 | El Bohío avenida principal Guadual, Tv. 8 #20-451                    | 4°50'1.43"N 75°41'0.61"W   |                 |             | X   |                                   | X  | X            |                       |                        |
| 197 | Vía principal El Bohío cancha  | 4°50'02.3"N 75°41'04.2"W   |                 | X           | X   |                                   | X  |              | X                     |                        |
| 198 | Tv. 8 #19a-2 Campestre B   | 4°50'04.6"N 75°41'12.8"W   | X               | X           | X   |                                   | X  |              | X                     |                        |

| N°. | Ubicación   |                            | Caracterización |             |     | Zona impactada                    |  |              |                       |                        |
|-----|---|----------------------------|-----------------|-------------|-----|-----------------------------------|--|--------------|-----------------------|------------------------|
|     | Sector  | Coordenadas                | Ordinarios      | Voluminosos | RCD | Zona de protección cuerpo hídrico | Espacio público (Vía, andén, parque, esquina, etc) | Zona boscosa | Afectación de paisaje | Condiciones sanitarias |
| 199 | Av. Principal Campestre B, Cra.2 #19b-66          | 4°50'03.3"N 75°41'19.2"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 200 | Av. Principal Campestre B, Cra.2 #19a-46          | 4°50'2.23"N 75°41'20.65"W  |                 | X           |     |                                   | X  |              |                       |                        |
| 201 | Cra 2 entre calle 18 y 19                         | 4°50'00.5"N 75°41'23.1"W   |                 | X           | X   |                                   | X  |              |                       |                        |
| 202 | Av. Principal Campestre B, Cra.2 #17-2            | 4°49'57.64"N 75°41'27.32"W | X               | X           | X   |                                   | X  |              |                       |                        |
| 203 | Campestre B, Cra. 2 #16-2                         | 4°49'55.8"N 75°41'30.0"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 204 | Cl. 16 #2, Guadual Limonar                        | 4°49'54.1"N 75°41'30.9"W   | X               | X           | X   | X                                 | X  | X            | X                     | X                      |
| 205 | Cra 2 puente Campestre D                          | 4°49'53.6"N 75°41'31.4"W   | X               | X           | X   | X                                 | X  | X            | X                     |                        |
| 206 | Parte externa del conjunto Quintas de Buena Vista | 4°49'54.8"N 75°41'19.7"W   |                 | X           | X   | X                                 |  | X            | X                     |                        |
| 207 | Cl. 17 #4, Guadual La Macarena Limonar            | 4°49'47.3"N 75°41'18.8"W   |                 | X           | X   | X                                 | X  |              | X                     |                        |
| 208 | Cl. 20 #5-2, Campestre B                          | 4°49'51.42"N 75°41'10.06"W | X               | X           | X   |                                   | X  |              | X                     | X                      |
| 209 | Quintas del campestre calle 20, parque.           | 4°49'56.0"N 75°41'12.3"W   | X               | X           | X   | X                                 | X  | X            |                       |                        |
| 210 | Cra 3N con Calle 19, Guaduales, Campestre C       | 4°50'06.5"N 75°41'31.5"W   |                 | X           | X   |                                   | X  | X            |                       |                        |
| 211 | Campestre C, Cra 3N # 16                          | 4°50'01.7"N 75°41'38.6"W   |                 | X           | X   | X                                 | X  | X            | X                     |                        |
| 212 | Cra. 1ª Nte, calle 16 Campestre C                 | 4°49'58.1"N 75°41'35.1"W   | X               | X           | X   | X                                 | X  | X            | X                     |                        |
| 213 | Campestre C, Cl.18 #1-2                           | 4°50'01.7"N 75°41'28.3"W   | X               | X           | X   | X                                 | X  |              |                       |                        |
| 214 | Villa Alexandra Frente a la Mz 2 Casa 13          | 4°49'32.1"N 75°41'45.1"W   | X               | X           | X   |                                   | X  |              |                       | X                      |
| 215 | Diagonal 10 calle 25, La Graciela                 | 4°49'38.5"N 75°41'46.0"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 216 | La Graciela, Cl. 10 #1b-207                       | 4°49'43.4"N 75°41'47.3"W   |                 | X           | X   |                                   | X  | X            | X                     |                        |
| 217 | Cra. 5 Dg. 11 La Graciela                         | 4°49'30.3"N 75°41'47.9"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 218 | Cra. 5 #8-45, Villa Alexandra                     | 4°49'32.6"N 75°41'52.3"W   | X               | X           | X   |                                   | X  |              |                       |                        |
| 219 | La Graciela, Cra. 4 #6-38                         | 4°49'35.8"N 75°41'55.1"W   | X               | X           | X   |                                   | X  |              | X                     | X                      |
| 220 | Cra. 4 #6-38, La Graciela                         | 4°49'35.5"N 75°41'55.5"W   | X               | X           | X   |                                   | X  | X            | X                     |                        |
| 221 | Cra 4 La Graciela, zona industrial La Badea       | 4°49'37.0"N 75°41'58.9"W   | X               | X           | X   |                                   | X  | X            | X                     | X                      |

La participación de SERVICIUDAD en relación con la limpieza de estos puntos fue acordada con la SDAGA de la siguiente manera:

### **7.3.6.1. Procedimiento Reporte de puntos críticos**

- La empresa que hace la recolección de residuos especiales es contratada por la administración municipal, el contrato es supervisado por la secretaria de Desarrollo Agropecuario y Gestión ambiental.
- Los prestadores del Servicio de Aseo reportan diariamente al Coordinador del PGIRS vía WhatsApp información de los puntos críticos, estos reportes son soportados con fotografías enviadas por nuestro personal en campo, especialmente jefes de Cuadrilla de Barrido y Operarios de Barrido.
- Con la información suministrada por los Prestadores del Servicio de Aseo el supervisor del contrato de recolección de especiales y el contratista realizan la programación de limpieza y recuperación de Puntos Críticos.

### **7.3.6.2. Procedimiento intervención personal de barrido y limpieza en los puntos críticos ubicados en las vías**

Diariamente personal de Barrido retira de los puntos críticos ubicados en Vías principales los residuos ordinarios arrojados por la comunidad.

Igualmente, en el camión que recoge los residuos de barrido se recolectan residuos especiales de menor volumen con el fin de que no continúe creciendo el punto crítico.

En la medida en que los puntos se intervienen, se realiza el reporte fotográfico respectivo a la secretaria de Desarrollo Agropecuario y Gestión ambiental.

A continuación, relacionamos los Puntos críticos cuya intervención se realiza con mayor frecuencia, pues son permanentes, así:

| Punto | Dirección   | Frecuencia                         |
|-------|---|------------------------------------|
| 1     | transversal 5 calle de las aromas                                 | lunes y jueves                     |
| 2     | carrera 4 manzana 6 casa 1 (frente) Barrio Villa Alexandra        | lunes y jueves                     |
| 3     | transversal 5 frete al numero 11bd-59 barrio la badea             | lunes y jueves                     |
| 4     | carrea 10 con calle 40 antigua plaza de mercados                  | martes y viernes                   |
| 5     | calle 52 con carrera 18 esquina pasaje zapata                     | martes y viernes                   |
| 6     | manzana 1 frente casa 3 barrio la Graciela                        | lunes y jueves                     |
| 7     | diagonal 26 frente al 4t-26 barrio santa Isabel etapa ii          | martes y viernes                   |
| 8     | calle 34 frente al 32-141 barrio santa Isabel                     | martes y viernes                   |
| 9     | transversal 7 diagonal 27a barrio santa Isabel                    | martes y viernes                   |
| 10    | avenida la Romelia el pollo entrada verada la union (campestre c) | martes y viernes                   |
| 11    | a.v Turín la popa frente a la discoteca el cafetal                | lunes y jueves                     |
| 12    | a.v Turín la popa carrera 2 w                                     | lunes y jueves                     |
| 13    | Av. simón bolívar con calle 38                                    | martes y viernes                   |
| 14    | carrera 16 con calle 41 esquina                                   | martes y viernes                   |
| 15    | calle 43 entre carreras 19 y 20                                   | lunes y jueves                     |
| 16    | av los molinos carrera 21 con calle 42 los molino                 | lunes y jueves                     |
| 17    | diagonal 42 entre carrera 24 y 24 los molinos                     | lunes y jueves                     |
| 18    | calle 36 entre carreras 16 y 21 sector cam                        | lunes y jueves                     |
| 19    | calle 25 con carrera 7 campestre a                                | lunes y jueves                     |
| 20    | calle 25 con carrera 8 el bohío                                   | martes y viernes                   |
| 21    | calle 25 con carrera 6 el bohío                                   | martes y viernes                   |
| 22    | carrera 2 entre calles 18 y 9 campestre b                         | lunes y jueves                     |
| 23    | calle 35 con carrera 11 a parque Guadalupe                        | martes y viernes                   |
| 24    | carrera 21 con calle 17 santa Mónica                              | lunes y jueves                     |
| 25    | altos de la capilla manzana 13                                    | martes y viernes                   |
| 26    | Avenida la Pradera carrera 21 con calle 21                        | lunes, miércoles, viernes y sabado |
| 27    | calle 21 entre carreras 16 y 17 la Pradera                        | lunes, miércoles, viernes y sabado |
| 28    | calle 35 carrera 14 esquina Guadalupe                             | martes y viernes                   |
| 29    | calle 34 con carrera 13 esquina Guadalupe                         | martes y viernes                   |
| 30    | avenida el Japón transversal 19 entre calles 8c y 8d abedules     | martes y viernes                   |
| 31    | calle 8 con carrera 29 esquina barrio el paraíso                  | martes y viernes                   |
| 32    | caseta comunal camilo torres                                      | martes y viernes                   |
| 33    | carrera 16 con calle 46 puente las garzas                         | lunes y jueves                     |
| 34    | carrera 21 con calle 4 barrió el balso                            | miércoles y sábado                 |
| 35    | carrera 16 con calle 8  | miercoles y sábado                 |
| 36    | carrera 16 con calle 44 el crucero                                | lunes y jueves                     |
| 37    | carrera 40 b con calle 15a saturno (puesto de salud)              | miercoles y sábado                 |
| 38    | carrera 29 con calle 8 el paraíso                                 | miercoles y sábado                 |
| 39    | calle 8 entre carreras 19 y 19b el Japón                          | miercoles y sábado                 |
| 40    | calle 8 con transversal 19 barrió abedules                        | martes y viernes                   |
| 41    | calle 43 entre carreras 19 y 20 san Fernando                      | lunes y jueves                     |
| 42    | puente que comunica campestre b con el limonar barrio limonar     | lunes y jueves                     |
| 43    | calle 70 con carrera 20 esquina emaus ii                          | martes y viernes                   |
| 44    | calle 4 con cerra 21 El Balso                                     | miercoles y sábado                 |
| 45    | carrera 16 fernte al no. 8-86 Av Simon Bolivar                    | martes y viernes                   |
| 46    | carrera 16 con calle 46 Esquina                                   | lunes y jueves                     |
| 47    | cancha multiple Barrio Jupiter                                    | miercoles y sábado                 |
| 48    | carrera 13 calle 35 Barrio Guadalupe                              | martes y viernes                   |
| 49    | diagonal 26 con transverdal 9 Santa Isabel                        | martes y viernes                   |
| 50    | transversal 2 inquilinos  | lunes y jueves                     |
| 51    | calle 61 entre carreras 15b y 16 Santa Teresita                   | miercoles y sábado                 |
| 52    | avenida la pradera calle 21 entre carreras 16 y diagonal 20       | lunes, miércoles, viernes y sabado |
| 53    | carrera 39 con calle 15 a Barrio Saturno                          | miercoles y sábado                 |
| 54    | calle 18 con carrera 42b Barrio Lara Bonilla                      | miercoles y sábado                 |
| 55    | carrera 40 con calle 18 Barrio Alvaro Patiño Amariles I           | miercoles y sábado                 |
| 56    | carrera 40 con calle 20a Barrio Alvaro Patiño Amariles I          | miercoles y sábado                 |
| 57    | calle 21 con carrera 43 b. Barrio Diana Turbay                    | miercoles y sábado                 |
| 58    | calle 21 con carrera 42 manzanas 19 y 20 alvaro patiño i          | miercoles y sábado                 |
| 59    | carrera 42ª entre calles 22a y 23 villa Mariela                   | miercoles y sabado                 |

### 7.3.7. Disposición de Residuos sólidos

| Nombre Sanitario            | Relleno   | Ubicación                | Teléfono de contacto | ¿Cuenta con licencia ambiental? |
|-----------------------------|-----------|--------------------------|----------------------|---------------------------------|
| Relleno Sanitario La Gloria | La Gloria | Vereda la Suecia Pereira | 3116047-3153937      | Si                              |

**Nota:** SERVICIUDAD E.S.P. tiene convenio con ATESA DE OCCIDENTE el operador del relleno sanitario la Gloria para el depósito de los residuos sólidos.

**Actividad de Transferencia:** La empresa realizará transferencia directa a vehículos compactadores de 25 yardas desde los vehículos satélites, esta transferencia no superará el peso de 750 kg de residuos sólidos ordinarios, producto de la operación de recolección.

### 7.4. Actividad de barrido y limpieza de vías y áreas públicas

#### 7.4.1. km de vías y Áreas Públicas por prestador

En la zona urbana del municipio de Dosquebradas se presta el servicio de barrido en las vías y áreas públicas urbanas por parte de los 4 prestadores. La frecuencia es de 2 veces a la semana en los sectores periféricos es decir en Barrios y 6 veces por semana vías principales.

Los prestadores del servicio del municipio de Dosquebradas poseen un inventario de **7.750.65** Kilómetros totales de cobertura de Barrido y Limpieza los cuales de conformidad a lo establecido en el Acuerdo de Barrido y Limpieza fue distribuido de la siguiente manera:

ACUERDO DE BARRIDO Y LIMPIEZA 31 DE MARZO 2023

NUMERO DE SUSCRIPTORES PRESTADORES SERVICIO DE ASEO DOSQUEBRADAS

| EMPRESAS PRESTADORAS DE ASEO | No. SUSCRIPTORES | % DE SUSCRIPTORES |
|------------------------------|------------------|-------------------|
| SERVICIUDAD ESP              | 75.303           | 86,78%            |
| ACUASEO                      | 7.271            | 8,38%             |
| ASEO PLUS                    | 3.459            | 3,99%             |
| ACUAVEGA - Las Vegas         | 405              | 0,47%             |
| ATESA — La Esneda            | 334              | 0,38%             |
| <b>TOTAL SUSCRIPTORES</b>    | <b>86.772</b>    | <b>100%</b>       |

#### 7.4.2 Acuerdo de barrido, limpieza de vías y áreas públicas

El acuerdo de Barrido y Limpieza de vías y áreas públicas vigente fue suscrito el 31 de marzo de 2023 por 3 prestadores del servicio de Aseo en el municipio de Dosquebradas, a continuación, relacionamos la información asociada a la prestación del servicio de Barrido y limpieza, así:

#### ACUERDO DE BARRIDO Y LIMPIEZA 31 DE MARZO 2023

| TOTAL KILOMETROS A BARRER/MES |                  |                   |                        |                        |                     |
|-------------------------------|------------------|-------------------|------------------------|------------------------|---------------------|
| EMPRESAS PRESTADORAS DE ASEO  | No. SUSCRIPTORES | % DE SUSCRIPTORES | ÁREAS A BARRER CUNETAS | ÁREAS A BARRER PARQUES | TOTAL POR PRESTADOR |
| SERVICIUDAD ESP               | 75.303           | 86,78             | 5.743,94               | 936,4                  | 6.680,34            |
| ACUASEO                       | 7.271            | 8,38              | 633,95                 | 172,53                 | 806,47              |
| ASEO PLUS                     | 3.459            | 3,99              | 263,84                 | N/R                    | 263,84              |
| ACUAVEGA                      | 405              | 0,47              | N/R                    | NSR                    | -                   |
| ATESA                         | 334              | 0,38              | N/R                    | NSR                    | -                   |
| <b>TOTAL</b>                  | <b>86.772</b>    | <b>100%</b>       | <b>6.841,73</b>        | <b>1.108,93</b>        | <b>7.750,65</b>     |

#### 7.4.3 Macro rutas y Micro rutas de Barrido

De conformidad con el esquema operativo las empresas de servicio público de aseo del municipio que prestan el servicio Barrido y Limpieza de Vías y Áreas Públicas cumplen con el mínimo de 2 veces por semana y además se generan las siguientes frecuencias:

| PRESTADOR   | FRECUENCIA SEMANAL | LUGAR                    |
|-------------|--------------------|--------------------------|
| SERVICIUDAD | 2                  | Vías periféricas/Parques |
|             | 6                  | Av. Principales          |
| ACUASEO     | 3                  | Vías periféricas         |
|             | 6                  | Av. Principales/Parques  |
| ASEO PLUS   | 2                  | Vías periféricas         |

A continuación, presentamos las Macro y Micro rutas del servicio de Barrido y Limpieza.

MACRORUTA 1: LUNES JUEVES Horario 6:00 am a 18:00 pm

MACRORUTA 2: MARTES VIERNES Horario 6:00 am a 18:00 pm

MACRO RUTA 3: MIÉRCOLES SÁBADO Horario 6:00 am a 18:00 pm

VIAS PRINCIPALES: FRECUENCIA 6 DE LUNES A SABADO Horario 6:00 am a 18:00 pm

**MACRORUTA 1 lunes - jueves**

| BARRIOS O EMPRESAS   | FRECUENCIA     |
|--|----------------|
| EDS del café, Avenida la esperanza, Milán, Villa de Lago, Rivera del Lago, Los Lagos, Mirador de Violetas, Violetas, Diego Jaramillo Cuartas, Los Rosales, La Carmelita, Balalaika, CAM, El Progreso, Jardín Colonial, los Cábmulos, Catalán, Villas del Pilar, Villas de los Molinos I y II, Girasol, Molinos del sol, Torredales, Pablo Sexto, Los Molinos, Las Colinas, Rafael García, la Esmeralda, villa Vento I,II y II, San Fernando. | Lunes - Jueves |
| Diagonal 21 a 25 Avenida Las Torres, La Julita. San Rafael, Olaya Herrera, Vía Naranjales, Escuela Frailes sede 2, La Playita, Comuneros, Nueva Esperanza, Villa Mariela Diana Turbay, Camilo Mejía Duque, Álvaro Patiño Amariles I y II, Altos de Villa Mariela, Vela I y II, Saturno, Santiago Londoño, Lara Bonilla, Palmar del Otún, Monte Bonito, Mirador de la Estancia.   | Lunes - Jueves |
| La Pradera, Santa Mónica, Torres de Santa Monica, Terranova, La Sultana, Mirador de Santa Mónica, Villas de Santa Mónica, Altos de Santa Mónica, Villa Clara, Las Gemelas, Las Auroras, Valher.  | Lunes - Jueves |
| El Balso, Barrio Atún, Mirador de la popa, Villa Fanny, Abedules, La Campiña, El Japón, Cambulos.  | Lunes - Jueves |

**MACRORUTA 2 martes - viernes**

| BARRIOS O EMPRESAS   | FRECUENCIA       |
|--|------------------|
| Playa rica, Urbanización Garma, Quintas de Aragón, Villa Elena, La Montaña, Primavera, Villa Diana, Andalucía, Pilarica, San Félix, Villa Mery, Santa María, Villa Perla, El recreo, Santa Clara, Santa Isabel Etapa 1, Supermercado y bodegas Super Inter.  | Martes - Viernes |
| Bohío, Quintas de Santa Isabel, Santa Isabel 2a Etapa, Altos de Navarra, Quintas de San Sebastián, El Poblado, El Bohío, Quintas de San Rafael, Campestre B entre Diagonal 18 a Diagonal 20, Campestre A, Campetre D, Villas del Campestre, Quintas del Campestre, Villas de San Miguel, Quintas de Buena Vista. | Martes - Viernes |
| El Refugio, Torres del Sol, Quintas del Refugio, Los Cerezos, Bosques de San Martín, Limonar, Macarena, Campestre B, Porvenir, Altos de Santa Clara, Campestre C, Bomberos, Mitaca, zona Industrial La Macarena, Ciudad Natura, Zona industrial La Popa (Nicol), Calle Las Aromas, Antigua plaza de ferias.      | Martes - Viernes |
| Bodegas Ara, reclusión la Badea calle hasta Pedregales, Vallarta, Bodegas estación de servicio Brio, Villa Alexandra, La Graciela; Inquilinos, Minuto de Dios, Vereda el Estanquillo, Variante la Romelia el Pollo, vereda la Unión, Mirador de las Camelias, vereda la Esperanza.                               | Martes - Viernes |
| Santa Teresita, Siete de Agosto, Versalles, Los Naranjos, Arrayanes, Primero de Agosto, Cartones y Papeles de Risaralda, Garma, Guayacanes, Villa del Campo.   | Martes - viernes |
| Buenos Aires, Guadalupe, San Nicolás, Iducentro,   | Martes - viernes |

### MACRORUTA 3 miércoles - sábado

| BARRIOS O EMPRESAS  | FRECUENCIA         |
|---|--------------------|
| La Capilla, Plan 3 Zona 7 Camilo Torres, Pueblo Sol Alto, Venus, Emaús, Llano Azul, Bella Vista, Camilo Torres plan 1, Los Alpes, Nogal De los Alpes El Prado, Luis Carlos Galán, Puerto Nuevo, Libertadores, Mercurio, El Zafiro La Mariana, Cesar Augusto, Piamonte, El Divino Niño, Júpiter, La Romelia, zona Industrial, Autopista del café, Lara Bonilla, Villa Carola, Galaxia, la Floresta, Bosques de la Acuarela, Los Pinos, Los Guamos, Boca Canoá, El Rosal, Las Acacias, Rivera Baja, Nueva Colombia. | Miércoles - Sábado |
| Camilo torres Plan 3 zona 1-6, Pueblo Sol Medio y Bajo, Solidaridad por Colombia, Altos de La Capilla, Altos de La Soledad, El diamante Loma linda, La Soledad, Cerro Azul, El Ensueño, Panorama Contry 1-2-3, Multifamiliares Primavera Asul, Primavera Asul, Parque Residencial Modelía, El Modelo, Barro Blanco, Nueva granada, San Diego, Guadualito, El Martillo, Terrazino, El Mirador.   | Miércoles - Sábado |

#### 7.4.4. Vehículos y equipos

| Tipo                         | Unidad | Capacidad | Cantidad |
|------------------------------|--------|-----------|----------|
| Barredora Empuje             | Un     | 0         | 6        |
| Carros papeleros o similares | Un     | 0         | 45       |
| Recolector bolsas de Barrido | Un     | 16 yardas | 1        |

#### 7.4.5 Personal y dotación

| Cargo                | Cantidad | Descripción de la dotación                 |
|----------------------|----------|--|
| Coordinador          | 1        | No   |
| Jefe de Cuadrilla    | 2        | Gorra, camisa, pantalón y botas            |
| Operarios de Barrido | 57       | Gorra, camisa, pantalón y botas            |
| Conductores          | 1        | Gorra, camisa, pantalón, botas, tapa boca. |

#### 7.4.6 Ubicación de cuartelillos o puntos de almacenamiento de implementos de barrido.

| UBA | BARRIO       | DIRECCION          |
|-----|--------------|--------------------|
| 1   | SAN FERNANDO | Calle 45 N°17-A-07 |
| 2   | CAMBULOS     | Calle 10 N°19-67   |
| 3   | LA MARIANA   | Mz. C Cs 2         |

### 7.5. INSTALACION Y MANTENIMIENTO DE CESTAS

El suministro, instalación y mantenimiento de cestas en vías y áreas públicas está incluido en la tarifa, según la metodología de la Resolución CRA 720 de 2015 (Artículo 20). Se reconocerá el mantenimiento de cestas previamente instaladas por la persona Prestadora en su APS, por lo cual la persona Prestadora del servicio deberá realizar una caracterización de cestas ubicadas en las áreas públicas, con el fin de conocer su estado y ubicación, ya que según el parágrafo 2 de Artículo 20 de la Resolución CRA 720 de 2015, reza que "en caso de robo o daño ocasionado por terceros no determinados, la reposición estará a cargo del Municipio. Cuando, antes de la terminación de su vida útil, se requiera reposición de las cestas suministradas".

#### 7.5.1. Inventario de Cestas a cargo de SERVICIUDAD E.S.P.

| Programa                               | Barrio o sector   | Cantidad de cestas | Frecuencia |
|--|-------------------|--------------------|------------|
| <b>Mantenimiento Cestas Instaladas</b> |                   |                    |            |
|  | av. Simón Bolívar | 14                 | Semestral  |
|  | av. ferrocarril   | 1                  | Semestral  |
|  | campestre b       | 1                  | Semestral  |
|  | campestre c       | 3                  | Semestral  |
|  | campestre d       | 1                  | Semestral  |
|  | santa Isabel      | 3                  | Semestral  |
|  | villa carola      | 6                  | Semestral  |
|  | mariana           | 4                  | Semestral  |
|  | Guadalupe         | 2                  | Semestral  |
|  | san Fernando      | 2                  | Semestral  |
|  | progreso          | 2                  | Semestral  |

|  |                           |           |           |
|--|---------------------------|-----------|-----------|
|  | <b>la macarena</b>        | <b>1</b>  | Semestral |
|  | <b>Japon</b>              | <b>1</b>  | Semestral |
|  | <b>Frailes</b>            | <b>1</b>  | Semestral |
|  | <b>santa Mónica</b>       | <b>3</b>  | Semestral |
|  | <b>la pradera</b>         | <b>23</b> | Semestral |
|  | <b>av. la esperanza</b>   | <b>3</b>  | Semestral |
|  | <b>Valher</b>             | <b>5</b>  | Semestral |
|  | <b>Alcaldía Municipal</b> | <b>4</b>  | Semestral |

## 7.6 Actividad Corte de Césped

El corte de césped y la poda de árboles se realiza en las zonas verdes de vías y áreas públicas del Municipio tales como: separadores viales o peatonales, glorietas, rotondas, orejas o similares y parques públicos sin restricciones de acceso. Dentro de esta se excluyen actividades de ornato y embellecimiento.

Los Metros cuadrados a cargo de SERVICIUDAD E.S.P. son 536.209.52

### 7.6.1. Metros cuadrados de césped por prestador

Se tiene un área total para el municipio de zonas verdes susceptibles de la actividad de Corte de Césped de 649.920.20 m<sup>2</sup> los cuales de conformidad con el acuerdo de Barrido y limpieza están distribuidos así:

| Prestador   | Área m <sup>2</sup> | % área total reportada | Frecuencia |
|-------------|---------------------|------------------------|------------|
| SERVICIUDAD | 536.209,52          | 82,50%                 | 30 días    |
| ACUASEO     | 89.080,2            | 13,71%                 |            |
| ASEO PLUS   | 24.630,48           | 3,79%                  |            |
| Total       | 649.920,2           | 100,0%                 |            |

**POLIGONOS ZONAS VERDES**  
SUSCEPTIBLES DE CORTE DE CESPED



Polígonos  
áreas verdes  
susceptibles de  
corte de  
Césped a cargo  
de  
SERVICIUDAD

| ITEM | OBJECTID | COMUNA      | Barrio | Shape_Leng  | AreaT       |
|------|----------|-------------|--------|-------------|-------------|
| 0    | 1        | 3 Macarena  |        | 54,58856096 | 70,46636843 |
| 1    | 2        | 3 Macarena  |        | 47,17918606 | 23,49305431 |
| 2    | 3        | 7 Mollvento |        | 542,4820575 | 221,6927546 |
| 3    | 4        | 7 Mollvento |        | 115,3725193 | 615,2737796 |
| 4    | 5        | 7 Mollvento |        | 15,07091666 | 15,32388712 |
| 5    | 6        | 7 Mollvento |        | 487,8277914 | 1190,166481 |
| 6    | 7        | 7 Mollvento |        | 267,7514422 | 1114,434731 |
| 7    | 8        | 7 Mollvento |        | 20,31033077 | 20,15531717 |
| 8    | 9        | 7 Mollvento |        | 11,41939403 | 4,203410329 |
| 9    | 10       | 7 Mollvento |        | 19,86618161 | 11,03579694 |
| 10   | 11       | 7 Mollvento |        | 23,91453207 | 15,60166155 |
| 11   | 12       | 7 Mollvento |        | 15,19107364 | 7,967492471 |
| 12   | 13       | 7 Mollvento |        | 202,9600728 | 709,487307  |
| 13   | 14       | 7 Mollvento |        | 906,9749337 | 4006,909059 |
| 14   | 15       | 7 Mollvento |        | 100,7633519 | 2,21644891  |
| 15   | 16       | 7 Mollvento |        | 596,2795718 | 1555,571086 |
| 16   | 17       | 7 Mollvento |        | 152,4324276 | 19,38484316 |
| 17   | 18       | 7 Mollvento |        | 159,053234  | 96,93547334 |
| 18   | 19       | 7 Mollvento |        | 354,5489919 | 222,981803  |
| 19   | 20       | 7 Mollvento |        | 264,001386  | 103,6038374 |
| 20   | 21       | 7 Mollvento |        | 18,06571495 | 6,356676656 |
| 21   | 22       | 7 Mollvento |        | 64,50958978 | 26,26560134 |
| 22   | 23       | 7 Mollvento |        | 51,16648483 | 52,34568214 |
| 23   | 24       | 7 Mollvento |        | 19,46182369 | 16,55279464 |
| 24   | 25       | 7 Mollvento |        | 6,88101131  | 2,946202456 |
| 25   | 26       | 7 Mollvento |        | 33,68538136 | 49,43690627 |
| 26   | 27       | 7 Mollvento |        | 52,18440733 | 8,60006129  |
| 27   | 28       | 7 Mollvento |        | 68,44965229 | 10,78962929 |
| 28   | 29       | 7 Mollvento |        | 10,03693635 | 4,707106876 |
| 29   | 30       | 7 Mollvento |        | 13,50284828 | 11,94163956 |
| 30   | 31       | 7 Mollvento |        | 64,05766481 | 10,98014482 |
| 31   | 32       | 7 Mollvento |        | 2,861026212 | 0,358371891 |
| 32   | 33       | 7 Mollvento |        | 2,936395001 | 0,374150529 |
| 33   | 34       | 7 Mollvento |        | 2,377037746 | 0,260354786 |
| 34   | 35       | 7 Mollvento |        | 2,521739785 | 0,2945642   |
| 35   | 36       | 7 Mollvento |        | 2,59981947  | 0,288004579 |
| 36   | 37       | 7 Mollvento |        | 2,217772006 | 0,240558515 |
| 37   | 38       | 7 Mollvento |        | 2,557185145 | 0,28187768  |
| 38   | 39       | 7 Mollvento |        | 2,234767812 | 0,25779525  |
| 39   | 40       | 7 Mollvento |        | 3,199474882 | 0,42656124  |
| 40   | 41       | 7 Mollvento |        | 2,258991461 | 0,24421878  |
| 41   | 42       | 7 Mollvento |        | 2,558394892 | 0,305562415 |
| 42   | 43       | 7 Mollvento |        | 2,173974087 | 0,23727722  |
| 43   | 44       | 7 Mollvento |        | 2,729842373 | 0,322324815 |
| 44   | 45       | 7 Mollvento |        | 2,323307873 | 0,26284971  |
| 45   | 46       | 7 Mollvento |        | 2,779141765 | 0,330071656 |
| 46   | 47       | 7 Mollvento |        | 2,534354392 | 0,320670734 |
| 47   | 48       | 7 Mollvento |        | 2,898561193 | 0,32881394  |
| 48   | 49       | 7 Mollvento |        | 2,189482534 | 0,23628733  |
| 49   | 50       | 7 Mollvento |        | 3,052253135 | 0,370344585 |
| 50   | 51       | 7 Mollvento |        | 2,1467299   | 0,22836108  |
| 51   | 52       | 7 Mollvento |        | 2,732913977 | 0,315489089 |
| 52   | 53       | 7 Mollvento |        | 2,272673957 | 0,24018579  |
| 53   | 54       | 7 Mollvento |        | 2,981631372 | 0,380459801 |
| 54   | 55       | 7 Mollvento |        | 2,218115314 | 0,23372952  |
| 55   | 56       | 7 Mollvento |        | 2,805521153 | 0,35259611  |
| 56   | 57       | 7 Mollvento |        | 2,709116136 | 0,3345265   |
| 57   | 58       | 7 Mollvento |        | 2,349687073 | 0,28433588  |
| 58   | 59       | 7 Mollvento |        | 2,779711828 | 0,3808956   |
| 59   | 60       | 7 Mollvento |        | 2,35239912  | 0,235609565 |
| 60   | 61       | 7 Mollvento |        | 2,867831703 | 0,314075465 |
| 61   | 62       | 7 Mollvento |        | 2,32122555  | 0,26088502  |
| 62   | 63       | 7 Mollvento |        | 2,778619394 | 0,319909675 |
| 63   | 64       | 7 Mollvento |        | 2,437455149 | 0,277475669 |
| 64   | 65       | 7 Mollvento |        | 2,771730977 | 0,337831675 |
| 65   | 66       | 7 Mollvento |        | 2,162891104 | 0,226696855 |
| 66   | 67       | 7 Mollvento |        | 2,671305785 | 0,29772883  |
| 67   | 68       | 7 Mollvento |        | 2,370564735 | 0,257174775 |
| 68   | 69       | 7 Mollvento |        | 2,727969067 | 0,348249321 |
| 69   | 70       | 7 Mollvento |        | 2,405673747 | 0,28282322  |
| 70   | 71       | 7 Mollvento |        | 2,407857236 | 0,27458739  |
| 71   | 72       | 7 Mollvento |        | 2,72171934  | 0,32984944  |
| 72   | 73       | 7 Mollvento |        | 2,214757249 | 0,242468089 |
| 73   | 74       | 7 Mollvento |        | 2,99487046  | 0,346671705 |
| 74   | 75       | 7 Mollvento |        | 2,303978155 | 0,24779475  |
| 75   | 76       | 7 Mollvento |        | 3,386008834 | 0,463649445 |
| 76   | 77       | 7 Mollvento |        | 2,369439857 | 0,24755721  |
| 77   | 78       | 7 Mollvento |        | 3,001449693 | 0,33519735  |
| 78   | 79       | 7 Mollvento |        | 2,418627374 | 0,290613539 |
| 79   | 80       | 7 Mollvento |        | 2,679392144 | 0,314945821 |
| 80   | 81       | 7 Mollvento |        | 2,642113779 | 0,342720364 |
| 81   | 82       | 7 Mollvento |        | 3,433519366 | 0,457614324 |
| 82   | 83       | 7 Mollvento |        | 2,60502852  | 0,33627226  |
| 83   | 84       | 7 Mollvento |        | 2,447463764 | 0,27392618  |
| 84   | 85       | 7 Mollvento |        | 2,12580845  | 0,22898853  |
| 85   | 86       | 7 Mollvento |        | 2,474172212 | 0,264480591 |
| 86   | 87       | 7 Mollvento |        | 2,216477455 | 0,23532852  |
| 87   | 88       | 7 Mollvento |        | 3,068896982 | 0,36023199  |
| 88   | 89       | 7 Mollvento |        | 2,174009355 | 0,20697878  |
| 89   | 90       | 7 Mollvento |        | 2,496173804 | 0,288131901 |
| 90   | 91       | 7 Mollvento |        | 2,384234854 | 0,272123939 |

| ITEM | OBJECTID | COMUNA | Barrio         | Shape_Leng  | AreaT       |
|------|----------|--------|----------------|-------------|-------------|
| 91   | 92       | 7      | Molvento       | 2,274188103 | 0,264309549 |
| 92   | 93       | 7      | Molvento       | 2,309463845 | 0,25584364  |
| 93   | 94       | 7      | Molvento       | 2,588018841 | 0,30403064  |
| 94   | 95       | 7      | Molvento       | 2,175059075 | 0,215785885 |
| 95   | 96       | 7      | Molvento       | 2,261496069 | 0,24966912  |
| 96   | 97       | 7      | Molvento       | 2,578677653 | 0,29183236  |
| 97   | 98       | 7      | Molvento       | 46,45139188 | 16,5413892  |
| 98   | 99       | 7      | Molvento       | 115,8898382 | 126,9223215 |
| 99   | 100      | 7      | Molvento       | 2,935363235 | 0,34696544  |
| 100  | 101      | 7      | Molvento       | 2,372689455 | 0,29493541  |
| 101  | 102      | 7      | Molvento       | 2,454523492 | 0,29030682  |
| 102  | 103      | 7      | Molvento       | 208,1043565 | 118,0211103 |
| 103  | 104      | 7      | Molvento       | 160,6030097 | 42,6971786  |
| 104  | 105      | 7      | Molvento       | 413,7374562 | 822,4244262 |
| 105  | 106      | 7      | Molvento       | 5,641578436 | 0,674187577 |
| 106  | 107      | 7      | Molvento       | 2,983836735 | 0,379228275 |
| 107  | 108      | 7      | Molvento       | 2,265379834 | 0,251132395 |
| 108  | 109      | 7      | Molvento       | 2,816973724 | 0,373164694 |
| 109  | 110      | 7      | Molvento       | 2,287769543 | 0,276290035 |
| 110  | 111      | 7      | Molvento       | 3,049547885 | 0,388753285 |
| 111  | 112      | 7      | Molvento       | 2,444770859 | 0,31480799  |
| 112  | 113      | 7      | Molvento       | 2,635834476 | 0,33376626  |
| 113  | 114      | 7      | Molvento       | 2,454466498 | 0,297634596 |
| 114  | 115      | 7      | Molvento       | 3,092757803 | 0,426592741 |
| 115  | 116      | 7      | Molvento       | 2,17566268  | 0,24173718  |
| 116  | 117      | 7      | Molvento       | 2,541495591 | 0,27778416  |
| 117  | 118      | 7      | Molvento       | 2,239873709 | 0,235898675 |
| 118  | 119      | 7      | Molvento       | 3,243440203 | 0,468760515 |
| 119  | 120      | 7      | Molvento       | 2,23997988  | 0,232651545 |
| 120  | 121      | 7      | Molvento       | 2,529270743 | 0,28155193  |
| 121  | 122      | 7      | Molvento       | 2,251786959 | 0,264584215 |
| 122  | 123      | 7      | Molvento       | 2,961240166 | 0,40132206  |
| 123  | 124      | 7      | Molvento       | 2,171960269 | 0,24267429  |
| 124  | 125      | 7      | Molvento       | 2,623154232 | 0,317175445 |
| 125  | 126      | 7      | Molvento       | 2,179168475 | 0,238406299 |
| 126  | 127      | 7      | Molvento       | 2,891253305 | 0,36169452  |
| 127  | 128      | 7      | Molvento       | 2,605429364 | 0,299441679 |
| 128  | 129      | 7      | Molvento       | 2,248021058 | 0,24341928  |
| 129  | 130      | 7      | Molvento       | 2,979472761 | 0,377709941 |
| 130  | 131      | 7      | Molvento       | 2,322458446 | 0,249993425 |
| 131  | 132      | 7      | Molvento       | 2,419039069 | 0,291640579 |
| 132  | 133      | 7      | Molvento       | 3,148018513 | 0,39554861  |
| 133  | 134      | 7      | Molvento       | 2,43170994  | 0,287203449 |
| 134  | 135      | 7      | Molvento       | 3,01773633  | 0,384233175 |
| 135  | 136      | 7      | Molvento       | 2,190819737 | 0,221301519 |
| 136  | 137      | 7      | Molvento       | 2,099949356 | 0,22371503  |
| 137  | 138      | 7      | Molvento       | 2,89031574  | 0,329794575 |
| 138  | 139      | 7      | Molvento       | 2,588150016 | 0,302143501 |
| 139  | 140      | 7      | Molvento       | 2,215431239 | 0,23876109  |
| 140  | 141      | 7      | Molvento       | 2,377502872 | 0,28358877  |
| 141  | 142      | 7      | Molvento       | 2,816160945 | 0,25977136  |
| 142  | 143      | 7      | Molvento       | 2,231961143 | 0,244273315 |
| 143  | 144      | 7      | Molvento       | 2,297056022 | 0,26129938  |
| 144  | 145      | 7      | Molvento       | 2,9022526   | 0,354604166 |
| 145  | 146      | 7      | Molvento       | 2,473332999 | 0,28319675  |
| 146  | 147      | 7      | Molvento       | 2,375518286 | 0,24528762  |
| 147  | 148      | 7      | Molvento       | 2,148346196 | 0,23396395  |
| 148  | 149      | 7      | Molvento       | 3,063780423 | 0,39379419  |
| 149  | 150      | 7      | Molvento       | 2,277604945 | 0,271222815 |
| 150  | 151      | 7      | Molvento       | 2,562628944 | 0,27237988  |
| 151  | 152      | 7      | Molvento       | 3,533765154 | 0,45296639  |
| 152  | 153      | 7      | Molvento       | 213,0942479 | 297,9546357 |
| 153  | 154      | 7      | Molvento       | 198,7426328 | 241,0955004 |
| 154  | 155      | 7      | Molvento       | 654,0745166 | 1531,333334 |
| 155  | 156      | 7      | Molvento       | 13,17759993 | 9,390102185 |
| 156  | 157      | 7      | Molvento       | 14,45322112 | 5,043427316 |
| 157  | 158      | 7      | Molvento       | 34,23312677 | 23,67924669 |
| 158  | 159      | 7      | Molvento       | 2,628993841 | 0,31674667  |
| 159  | 160      | 2      | Palmar de otun | 426,592308  | 1387,791783 |
| 160  | 161      | 2      | Palmar de otun | 6,140560642 | 1,894500447 |
| 161  | 162      | 2      | Palmar de otun | 53,63566844 | 145,6429587 |
| 162  | 163      | 2      | Palmar de otun | 36,37785621 | 20,43060815 |
| 163  | 164      | 2      | Palmar de otun | 88,67438878 | 278,5069557 |
| 164  | 165      | 2      | Palmar de otun | 47,22783044 | 79,26787844 |
| 165  | 166      | 2      | Palmar de otun | 43,72541735 | 45,08165824 |
| 166  | 167      | 2      | Palmar de otun | 82,32144531 | 262,4598056 |
| 167  | 168      | 2      | Palmar de otun | 48,23044591 | 110,6961957 |
| 168  | 169      | 2      | Palmar de otun | 11,77643039 | 4,20641812  |
| 169  | 170      | 2      | Palmar de otun | 5,961970969 | 2,19894463  |
| 170  | 171      | 2      | Palmar de otun | 12,41295315 | 5,936308584 |
| 171  | 172      | 2      | Palmar de otun | 19,99653678 | 12,35279579 |
| 172  | 173      | 2      | Palmar de otun | 44,44766791 | 92,04001518 |
| 173  | 174      | 2      | Palmar de otun | 120,7029228 | 116,3534672 |
| 174  | 175      | 2      | Palmar de otun | 32,33044299 | 30,82303891 |
| 175  | 176      | 2      | Palmar de otun | 121,5413331 | 204,7148143 |
| 176  | 177      | 2      | Palmar de otun | 12,7392183  | 5,975165514 |
| 177  | 178      | 2      | Palmar de otun | 32,00057355 | 17,45299342 |
| 178  | 179      | 2      | Palmar de otun | 67,49895989 | 74,16348155 |
| 179  | 180      | 2      | Palmar de otun | 132,6017511 | 78,29954553 |
| 180  | 181      | 2      | Palmar de otun | 38,16977891 | 27,24510092 |
| 181  | 182      | 2      | Palmar de otun | 72,63620356 | 136,3904075 |

| ITEM | OBJECTID | COMUNA | Barrio                         | Shape_Leng  | AreaT       |
|------|----------|--------|--------------------------------|-------------|-------------|
| 182  | 183      | 2      | Palmar de otun                 | 76,44065918 | 234,5057757 |
| 183  | 184      | 2      | Palmar de otun                 | 41,82200319 | 40,07090276 |
| 184  | 185      | 2      | Palmar de otun                 | 45,62265281 | 64,31777542 |
| 185  | 186      | 2      | Palmar de otun                 | 48,16081117 | 93,44056347 |
| 186  | 187      | 2      | Palmar de otun                 | 119,4001456 | 100,82486   |
| 187  | 188      | 2      | Palmar de otun                 | 23,15700313 | 16,81343313 |
| 188  | 189      | 2      | Palmar de otun                 | 22,90369298 | 16,28737749 |
| 189  | 190      | 2      | Palmar de otun                 | 9,617134447 | 5,082564097 |
| 190  | 191      | 2      | Palmar de otun                 | 14,22398047 | 8,816953514 |
| 191  | 192      | 2      | Palmar de otun                 | 4,812568609 | 1,296553079 |
| 192  | 193      | 2      | Palmar de otun                 | 120,5406922 | 77,63597216 |
| 193  | 194      | 2      | Palmar de otun                 | 4,743136798 | 1,38131347  |
| 194  | 195      | 2      | Palmar de otun                 | 17,61832672 | 9,452395548 |
| 195  | 196      | 2      | Palmar de otun                 | 142,6729839 | 190,8966912 |
| 196  | 197      | 2      | Palmar de otun                 | 105,3065579 | 343,1736962 |
| 197  | 198      | 2      | Palmar de otun                 | 76,44065918 | 234,5057757 |
| 198  | 199      | 2      | Palmar de otun                 | 41,82200319 | 40,07090276 |
| 199  | 200      | 2      | Palmar de otun                 | 45,62265281 | 64,31777542 |
| 200  | 201      | 2      | Palmar de otun                 | 201,9567342 | 1180,421733 |
| 201  | 202      | 2      | Palmar de otun                 | 499,3832041 | 326,6544502 |
| 202  | 203      | 2      | Palmar de otun                 | 29,55284493 | 48,20022546 |
| 203  | 204      | 2      | Palmar de otun                 | 60,69380302 | 53,27285407 |
| 204  | 205      | 2      | Palmar de otun                 | 53,57134705 | 121,8080733 |
| 205  | 206      | 2      | Palmar de otun                 | 38,371503   | 27,44494084 |
| 206  | 207      | 2      | Palmar de otun                 | 51,37887475 | 33,72866657 |
| 207  | 208      | 2      | Palmar de otun                 | 46,32958225 | 78,68013967 |
| 208  | 209      | 2      | Palmar de otun                 | 47,46746506 | 78,19129168 |
| 209  | 210      | 2      | Palmar de otun                 | 49,17821961 | 82,90393576 |
| 210  | 211      | 2      | Palmar de otun                 | 16,80245469 | 11,40597936 |
| 211  | 212      | 2      | Palmar de otun                 | 128,2635776 | 388,1808608 |
| 212  | 213      | 2      | Palmar de otun                 | 17,80561533 | 8,545005887 |
| 213  | 214      | 2      | Palmar de otun                 | 114,1846507 | 371,3126346 |
| 214  | 215      | 2      | Palmar de otun                 | 13,35362852 | 8,832614028 |
| 215  | 216      | 2      | Palmar de otun                 | 70,33660269 | 199,1885076 |
| 216  | 217      | 2      | Palmar de otun                 | 53,9498544  | 138,2883097 |
| 217  | 218      | 2      | Palmar de otun                 | 125,7090861 | 318,8570315 |
| 218  | 219      | 2      | Palmar de otun                 | 58,22154848 | 99,76652176 |
| 219  | 220      | 2      | Palmar de otun                 | 21,27391063 | 21,29437358 |
| 220  | 221      | 2      | Palmar de otun                 | 9,453411288 | 4,307365704 |
| 221  | 222      | 2      | Palmar de otun                 | 30,49384788 | 41,59019273 |
| 222  | 223      | 2      | Palmar de otun                 | 8,809904449 | 3,774424735 |
| 223  | 224      | 2      | Palmar de otun                 | 80,59554536 | 53,37449443 |
| 224  | 225      | 2      | Palmar de otun                 | 122,0266937 | 113,744951  |
| 225  | 226      | 2      | Palmar de otun                 | 7,138075027 | 2,874816381 |
| 226  | 227      | 2      | Palmar de otun                 | 149,568824  | 92,46678991 |
| 227  | 228      | 2      | Palmar de otun                 | 16,32591663 | 8,756676641 |
| 228  | 229      | 2      | Palmar de otun                 | 36,77922864 | 69,22805674 |
| 229  | 230      | 2      | Palmar de otun                 | 168,8006131 | 108,0384984 |
| 230  | 231      | 2      | Palmar de otun                 | 16,3702021  | 8,756129977 |
| 231  | 232      | 2      | Palmar de otun                 | 25,06124559 | 17,18433052 |
| 232  | 233      | 2      | Palmar de otun                 | 8,266327103 | 4,048028415 |
| 233  | 234      | 2      | Palmar de otun                 | 19,18413997 | 11,49847767 |
| 234  | 235      | 2      | Palmar de otun                 | 5,866069531 | 1,420285115 |
| 235  | 236      | 2      | Palmar de otun                 | 23,23474581 | 10,93143373 |
| 236  | 237      | 2      | Palmar de otun                 | 124,5718989 | 69,62578415 |
| 237  | 238      | 2      | Palmar de otun                 | 31,96034419 | 23,2356284  |
| 238  | 239      | 2      | Palmar de otun                 | 31,30370744 | 17,78172808 |
| 239  | 240      | 5      | Diagonal 25                    | 80,08914925 | 85,18463331 |
| 240  | 241      | 2      | La pradera-vía frayles         | 142,9324966 | 110,978028  |
| 241  | 242      | 5      | Mirador del lago               | 59,70407537 | 143,2352063 |
| 242  | 243      | 5      | Mirador del lago               | 74,32616714 | 169,9160628 |
| 243  | 244      | 5      | Mirador del lago               | 58,4353176  | 171,0122524 |
| 244  | 245      | 5      | Mirador del lago               | 29,05288872 | 10,97451295 |
| 245  | 246      | 5      | Mirador del lago               | 32,3127856  | 23,77954738 |
| 246  | 247      | 5      | Mirador del lago               | 96,10016735 | 163,9691903 |
| 247  | 248      | 5      | Mirador del lago               | 88,99804552 | 283,5681512 |
| 248  | 249      | 5      | Mirador del lago               | 60,93699868 | 187,9161071 |
| 249  | 250      | 5      | Mirador del lago               | 54,95099532 | 63,40595219 |
| 250  | 251      | 5      | Mirador del lago               | 96,45432975 | 337,8100468 |
| 251  | 252      | 5      | Mirador del lago               | 18,1806998  | 20,5417668  |
| 252  | 253      | 5      | Mirador del lago               | 79,70116824 | 191,2432045 |
| 253  | 254      | 5      | Mirador del lago               | 84,20543397 | 236,9365443 |
| 254  | 255      | 1      | Av a ciudad natura             | 25,82402473 | 10,82743671 |
| 255  | 256      | 1      | Av a ciudad natura             | 42,19428392 | 70,33671792 |
| 256  | 257      | 1      | Av a ciudad natura             | 71,96029888 | 64,376062   |
| 257  | 258      | 1      | Av a ciudad natura             | 47,34463633 | 17,65420061 |
| 258  | 259      | 1      | Av a ciudad natura             | 86,00609799 | 104,4994815 |
| 259  | 260      | 1      | Varlante turin la pola_papiros | 64,73164638 | 67,91369709 |
| 260  | 261      | 1      | Varlante turin la pola_papiros | 18,58768956 | 13,99487535 |
| 261  | 262      | 2      | Parque alonzo valencia         | 65,75890931 | 44,31732078 |
| 262  | 263      | 2      | Parque alonzo valencia         | 57,88540408 | 50,07733306 |
| 263  | 264      | 2      | Parque alonzo valencia         | 14,10590687 | 8,039689751 |
| 264  | 265      | 5      | Pradera verde                  | 80,08914925 | 85,18463331 |
| 265  | 266      | 2      | La pradera-vía frayles         | 142,9324966 | 110,978028  |
| 266  | 267      | 5      | Mirador del lago               | 59,70407537 | 143,2352063 |
| 267  | 268      | 5      | Mirador del lago               | 74,32616714 | 169,9160628 |
| 268  | 269      | 5      | Mirador del lago               | 58,4353176  | 171,0122524 |
| 269  | 270      | 5      | Mirador del lago               | 29,05288872 | 10,97451295 |
| 270  | 271      | 5      | Mirador del lago               | 32,3127856  | 23,77954738 |
| 271  | 272      | 5      | Mirador del lago               | 96,10016735 | 163,9691903 |
| 272  | 273      | 5      | Mirador del lago               | 88,99804552 | 283,5681512 |

| ITEM | OBJECTID | COMUNA | Barrio                          | Shape_Leng  | AreaT       |
|------|----------|--------|---------------------------------|-------------|-------------|
| 273  | 274      | 5      | Mirador del lago                | 60,93699868 | 187,9161071 |
| 274  | 275      | 5      | Mirador del lago                | 54,95099532 | 63,40595219 |
| 275  | 276      | 5      | Mirador del lago                | 96,45432975 | 337,8100468 |
| 276  | 277      | 5      | Mirador del lago                | 18,1806998  | 20,5417668  |
| 277  | 278      | 5      | Mirador del lago                | 79,70116824 | 191,243245  |
| 278  | 279      | 5      | Mirador del lago                | 84,20543397 | 236,9365443 |
| 279  | 280      | 1      | Av a ciudad natura              | 25,82402473 | 10,82743671 |
| 280  | 281      | 1      | Av a ciudad natura              | 42,19428392 | 70,33671792 |
| 281  | 282      | 1      | Av a ciudad natura              | 71,96029888 | 64,376062   |
| 282  | 283      | 1      | Servientrega                    | 47,34463633 | 17,65420061 |
| 283  | 284      | 1      | Av a ciudad natura              | 86,00609799 | 104,4994615 |
| 284  | 285      | 1      | Variante turin la pola_papiros  | 64,73164638 | 67,91369709 |
| 285  | 286      | 1      | Variante turin la pola_papiros  | 18,58768956 | 13,99487535 |
| 286  | 287      | 2      | Alonzo valencia                 | 65,75890931 | 44,31732078 |
| 287  | 288      | 2      | Alonzo valencia                 | 57,88540408 | 50,07733306 |
| 288  | 289      | 2      | Alonzo valencia                 | 14,10590687 | 8,039689751 |
| 289  | 290      | 5      | Santa Monica                    | 10,43271423 | 4,778560221 |
| 290  | 291      | 5      | Santa Monica                    | 73,16696809 | 18,81188627 |
| 291  | 292      | 5      | La pradera                      | 90,18843668 | 49,38769868 |
| 292  | 293      | 5      | La pradera                      | 54,47289649 | 23,34337587 |
| 293  | 294      | 5      | La pradera                      | 157,6914353 | 99,15613951 |
| 294  | 295      | 2      | La sultana                      | 481,9493149 | 764,6195549 |
| 295  | 296      | 2      | Villas de santa monica          | 186,5086762 | 88,78480985 |
| 296  | 297      | 9      | Pueblo son alto                 | 94,28316136 | 506,7414856 |
| 297  | 298      | 9      | Pueblo son alto                 | 162,6217767 | 82,79451381 |
| 298  | 299      | 9      | Camilo torres zona7             | 32,61327932 | 40,90199389 |
| 299  | 300      | 9      | Luis carlos galian              | 117,6885763 | 575,7708776 |
| 300  | 301      | 9      | Bellavista II                   | 278,8665801 | 771,9294334 |
| 301  | 302      | 9      | Bellavista II                   | 51,01433263 | 79,16414173 |
| 302  | 303      | 9      | Bellavista II                   | 86,35815142 | 99,82035966 |
| 303  | 304      | 9      | Bellavista II                   | 71,08073543 | 74,77253446 |
| 304  | 305      | 9      | Bellavista I                    | 67,05684703 | 109,8382207 |
| 305  | 306      | 5      | Romboy zona lagos de la pradera | 81,31461852 | 515,6548513 |
| 306  | 307      | 5      | Romboy zona lagos de la pradera | 68,61899734 | 91,38185261 |
| 307  | 308      | 5      | Romboy zona lagos de la pradera | 49,63895703 | 94,05637355 |
| 308  | 309      | 5      | Romboy zona lagos de la pradera | 34,68455256 | 52,61222147 |
| 309  | 310      | 5      | Romboy zona lagos de la pradera | 17,90245622 | 15,36784892 |
| 310  | 311      | 11     | Parque la capilla               | 12,5490268  | 11,67861343 |
| 311  | 312      | 11     | Parque la capilla               | 47,98288768 | 102,3634271 |
| 312  | 313      | 11     | Parque la capilla               | 49,29192864 | 103,0122879 |
| 313  | 314      | 11     | Parque la capilla               | 49,99477366 | 102,214623  |
| 314  | 315      | 11     | Parque la capilla               | 49,05810425 | 102,3313683 |
| 315  | 316      | 11     | Parque la capilla               | 49,25134821 | 102,9530326 |
| 316  | 317      | 11     | Parque la capilla               | 48,20543676 | 102,3159296 |
| 317  | 318      | 11     | Parque la capilla               | 49,02101283 | 102,9743738 |
| 318  | 319      | 11     | Parque la capilla               | 48,73635035 | 102,9938349 |
| 319  | 320      | 9      | Llano azul emaus                | 94,44754749 | 111,2613522 |
| 320  | 321      | 9      | Llano azul emaus                | 34,30224816 | 34,4364307  |
| 321  | 322      | 9      | Llano azul emaus                | 16,86609886 | 17,29035506 |
| 322  | 323      | 9      | Llano azul emaus                | 21,1057176  | 20,92276419 |
| 323  | 324      | 9      | Llano azul emaus                | 9,800518839 | 4,436971332 |
| 324  | 325      | 9      | Llano azul emaus                | 56,81409338 | 136,4706778 |
| 325  | 326      | 9      | Llano azul emaus                | 14,09739907 | 8,422508243 |
| 326  | 327      | 9      | Llano azul emaus                | 22,61460175 | 17,19613659 |
| 327  | 328      | 9      | Llano azul emaus                | 20,21642789 | 8,015445031 |
| 328  | 329      | 10     | El rosal                        | 215,2458422 | 1048,212191 |
| 329  | 330      | 10     | El rosal                        | 208,9856192 | 332,4817203 |
| 330  | 331      | 10     | El rosal                        | 66,19157248 | 181,6908238 |
| 331  | 332      | 10     | El rosal                        | 113,7950988 | 497,3173979 |
| 332  | 333      | 10     | El rosal                        | 121,1113524 | 196,7917732 |
| 333  | 334      | 10     | El rosal                        | 269,2485314 | 910,5087586 |
| 334  | 335      | 10     | El rosal                        | 54,29951004 | 148,4451865 |
| 335  | 336      | 10     | El rosal                        | 50,70825267 | 127,0050386 |
| 336  | 337      | 10     | Las acacias                     | 88,25963425 | 416,8064992 |
| 337  | 338      | 10     | Las acacias                     | 170,445941  | 490,8921419 |
| 338  | 339      | 10     | Las acacias                     | 107,3118857 | 278,5659956 |
| 339  | 340      | 11     | Centro salud Santa teresita     | 98,4906434  | 604,3258941 |
| 340  | 341      | 11     | Centro salud Santa teresita     | 212,4933235 | 522,1426786 |
| 341  | 342      | 10     | El rosal                        | 621,9403398 | 961,8630135 |
| 342  | 343      | 10     | El rosal                        | 147,9466405 | 485,6140033 |
| 343  | 344      | 10     | Transversal 8-diagonal72        | 98,17034541 | 167,3404687 |
| 344  | 345      | 10     | Transversal 8-diagonal72        | 88,3037378  | 113,1570728 |
| 345  | 346      | 10     | Rivera baja                     | 340,4127563 | 307,3578711 |
| 346  | 347      | 10     | Bocacanoa                       | 154,0111623 | 610,8973994 |
| 347  | 348      | 10     | Bocacanoa                       | 41,88652955 | 78,49619157 |
| 348  | 349      | 10     | Bocacanoa                       | 60,15982644 | 75,10695122 |
| 349  | 350      | 10     | Bocacanoa                       | 29,72055095 | 33,96452211 |
| 350  | 351      | 10     | Bocacanoa                       | 75,79512188 | 254,6532768 |
| 351  | 352      | 10     | Rivera baja                     | 575,8212052 | 1014,423021 |
| 352  | 353      | 10     | Bocacanoa                       | 150,6694672 | 973,8939134 |
| 353  | 354      | 10     | Bocacanoa                       | 225,0981083 | 998,450165  |
| 354  | 355      | 10     | Rivera baja                     | 430,4794307 | 394,5035209 |
| 355  | 356      | 10     | Bocacanoa                       | 88,28515374 | 147,0590776 |
| 356  | 357      | 11     | La capilla                      | 86,31648    | 452,0577323 |
| 357  | 358      | 11     | La capilla                      | 62,2865183  | 219,9834578 |
| 358  | 359      | 11     | La capilla                      | 47,06433263 | 93,34071115 |
| 359  | 360      | 10     | Bocacanoa                       | 168,8636212 | 193,2852034 |
| 360  | 361      | 10     | Bocacanoa                       | 227,2087345 | 717,9876731 |
| 361  | 362      | 10     | Bocacanoa                       | 136,2711607 | 310,2052044 |
| 362  | 363      | 10     | Bocacanoa                       | 100,6421047 | 229,467172  |
| 363  | 364      | 10     | Bocacanoa                       | 458,4052375 | 1593,549813 |

| ITEM | OBJECTID | COMUNA | Barrio                          | Shape_Leng  | AreaT       |
|------|----------|--------|---------------------------------|-------------|-------------|
| 364  | 365      | 10     | Bocacanoa                       | 59,61258202 | 141,9046804 |
| 365  | 366      | 2      | Parque alonzo valencia          | 137,4782654 | 607,075383  |
| 366  | 367      | 2      | Parque alonzo valencia          | 144,4313063 | 1067,774088 |
| 367  | 368      | 2      | Parque alonzo valencia          | 78,32500911 | 246,1949123 |
| 368  | 369      | 2      | Parque alonzo valencia          | 232,6114292 | 140,0421121 |
| 369  | 370      | 2      | Parque alonzo valencia          | 432,2532933 | 420,8158924 |
| 370  | 371      | 10     | Bosques de la acuarela          | 316,9200573 | 325,5551423 |
| 371  | 372      | 10     | Bosques de la acuarela          | 121,6756637 | 102,9564424 |
| 372  | 373      | 10     | Bosques de la acuarela          | 131,2602572 | 101,661122  |
| 373  | 374      | 10     | Transversal 8-diagonal72        | 227,1398049 | 267,7463354 |
| 374  | 375      | 10     | Transversal 8-diagonal72        | 223,1027121 | 243,4068025 |
| 375  | 376      | 10     | Los guamos                      | 79,79665983 | 83,60623677 |
| 376  | 377      | 10     | Los guamos                      | 96,52114912 | 68,35501682 |
| 377  | 378      | 10     | Los pinos                       | 208,9026101 | 250,2655213 |
| 378  | 379      | 10     | Bosques de la acuarela          | 22,59654752 | 24,24262007 |
| 379  | 380      | 2      | Villa mariela                   | 182,3448413 | 1002,860423 |
| 380  | 381      | 2      | Villa mariela                   | 128,2529017 | 324,8507134 |
| 381  | 382      | 2      | Villa mariela                   | 65,7644621  | 124,2214806 |
| 382  | 383      | 10     | Diagonal 72- Trans 10           | 464,9953599 | 702,4677851 |
| 383  | 384      | 10     | Los laureles                    | 82,01263207 | 401,2521137 |
| 384  | 385      | 10     | Los laureles                    | 78,1618685  | 309,8754493 |
| 385  | 386      | 10     | Los laureles                    | 114,7996975 | 472,2257114 |
| 386  | 387      | 10     | Los laureles                    | 214,57324   | 1455,532272 |
| 387  | 388      | 10     | Los laureles                    | 75,75261824 | 106,1571186 |
| 388  | 389      | 10     | Los guamos                      | 76,77023009 | 40,86737576 |
| 389  | 390      | 10     | Los guamos                      | 300,1622671 | 248,0876487 |
| 390  | 391      | 10     | Los guamos                      | 254,9966969 | 162,7543391 |
| 391  | 392      | 10     | Los pinos                       | 82,10415513 | 123,1563379 |
| 392  | 393      | 10     | Los guamos                      | 167,2645946 | 153,3087629 |
| 393  | 394      | 10     | Los laureles                    | 88,17363872 | 428,8778888 |
| 394  | 395      | 10     | Los laureles                    | 161,7104397 | 188,8350374 |
| 395  | 396      | 10     | Bosques de la acuarela          | 115,075479  | 341,7668453 |
| 396  | 397      | 10     | Carlos ariel escobar            | 38,82026063 | 67,14057316 |
| 397  | 398      | 10     | Bosques de la acuarela          | 29,03514441 | 27,29960831 |
| 398  | 399      | 10     | Los laureles                    | 212,7530091 | 357,369071  |
| 399  | 400      | 10     | Los laureles                    | 39,9641306  | 43,65771728 |
| 400  | 401      | 10     | Los laureles                    | 71,48040127 | 98,83961888 |
| 401  | 402      | 10     | Los laureles                    | 188,2060553 | 220,1423673 |
| 402  | 403      | 10     | Los laureles                    | 26,94879777 | 19,20874165 |
| 403  | 404      | 10     | Los laureles                    | 33,85959962 | 25,23485677 |
| 404  | 405      | 10     | Los laureles                    | 41,12057638 | 40,6436075  |
| 405  | 406      | 10     | Los laureles                    | 54,73962033 | 53,55950434 |
| 406  | 407      | 10     | Transversal 10-Bosques acuarela | 201,6204663 | 505,9033173 |
| 407  | 408      | 10     | Transversal 10-Bosques acuarela | 345,0605411 | 458,6253413 |
| 408  | 409      | 10     | Transversal 10-Bosques acuarela | 78,14375365 | 72,84284345 |
| 409  | 410      | 10     | Villa carola                    | 58,59664788 | 119,7129518 |
| 410  | 411      | 10     | Villa carola                    | 103,2412723 | 66,21574455 |
| 411  | 412      | 10     | Villa carola                    | 169,2510992 | 215,1699427 |
| 412  | 413      | 10     | Villa carola                    | 45,04212402 | 66,92812839 |
| 413  | 414      | 10     | Villa carola                    | 32,77390788 | 16,66653151 |
| 414  | 415      | 10     | Villa carola                    | 26,6195696  | 16,01260653 |
| 415  | 416      | 10     | Villa carola                    | 109,6400001 | 114,5818012 |
| 416  | 417      | 10     | Villa carola                    | 198,9535137 | 176,5069732 |
| 417  | 418      | 10     | Villa carola                    | 201,7952074 | 365,3185952 |
| 418  | 419      | 10     | Villa carola                    | 26,41747858 | 26,65117038 |
| 419  | 420      | 10     | Villa carola                    | 129,6393223 | 123,0087207 |
| 420  | 421      | 10     | Villa carola                    | 98,82903736 | 95,75540218 |
| 421  | 422      | 10     | Villa carola                    | 9,349573444 | 6,223247039 |
| 422  | 423      | 10     | La romelia alta                 | 161,6506577 | 1050,902869 |
| 423  | 424      | 10     | La romelia alta                 | 311,7125763 | 761,9581592 |
| 424  | 425      | 10     | La romelia alta                 | 117,7146744 | 293,0441686 |
| 425  | 426      | 10     | La romelia alta                 | 135,4726045 | 267,0694084 |
| 426  | 427      | 10     | La romelia alta                 | 84,36337086 | 128,4150193 |
| 427  | 428      | 9      | Jupiter                         | 112,9536408 | 679,6939913 |
| 428  | 429      | 9      | Jupiter                         | 147,9780982 | 662,1897499 |
| 429  | 430      | 9      | Jupiter                         | 111,3553908 | 406,8994085 |
| 430  | 431      | 9      | Jupiter                         | 161,7790531 | 233,2443541 |
| 431  | 432      | 9      | Cesar agosto                    | 141,146136  | 554,4519349 |
| 432  | 433      | 9      | Urb.Piamonte                    | 501,8624887 | 826,7940406 |
| 433  | 434      | 9      | Urb.Piamonte                    | 399,0601192 | 1789,769066 |
| 434  | 435      | 2      | Alvaro patiffo                  | 127,7854094 | 1022,789274 |
| 435  | 436      | 2      | Alvaro patiffo                  | 200,9195673 | 925,801958  |
| 436  | 437      | 2      | Alvaro patiffo                  | 92,28887383 | 411,9415842 |
| 437  | 438      | 2      | Alvaro patiffo                  | 62,97516074 | 175,1804687 |
| 438  | 439      | 2      | Lara bonilla                    | 135,5641313 | 882,6657027 |
| 439  | 440      | 9      | Urb.Piamonte                    | 139,2421809 | 620,8359116 |
| 440  | 441      | 9      | Urb.Piamonte                    | 314,2425137 | 802,2963253 |
| 441  | 442      | 9      | Urb.Piamonte                    | 368,6925113 | 858,5038704 |
| 442  | 443      | 9      | Urb.Piamonte                    | 466,4188941 | 1136,806018 |
| 443  | 444      | 9      | Urb.Piamonte                    | 354,93188   | 937,6965053 |
| 444  | 445      | 9      | Urb.Piamonte                    | 120,8722596 | 162,7857311 |
| 445  | 446      | 9      | Urb.Piamonte                    | 184,9702752 | 160,4050362 |
| 446  | 447      | 9      | Urb.Piamonte                    | 70,74762757 | 40,47495617 |
| 447  | 448      | 9      | Urb.Piamonte                    | 160,7469232 | 946,1672164 |
| 448  | 449      | 9      | Urb.Piamonte                    | 160,5479067 | 200,1598384 |
| 449  | 450      | 9      | Urb.Piamonte                    | 130,7530277 | 772,2099699 |
| 450  | 451      | 9      | Urb.Piamonte                    | 187,8099456 | 176,5736847 |
| 451  | 452      | 9      | Urb.Piamonte                    | 182,9781336 | 368,0043996 |
| 452  | 453      | 9      | Urb.Piamonte                    | 119,3943189 | 305,8855976 |
| 453  | 454      | 9      | Urb.Piamonte                    | 45,63390242 | 61,30341528 |
| 454  | 455      | 9      | Urb.Piamonte                    | 90,73369068 | 136,2620164 |

| ITEM | OBJECTID | COMUNA | Barrio                   | Shape_Leng  | AreaT       |
|------|----------|--------|--------------------------|-------------|-------------|
| 455  | 456      | 9      | Urb.Piamonte             | 151,1449945 | 332,3125422 |
| 456  | 457      | 9      | La mariana giraldo       | 176,2439991 | 846,1123643 |
| 457  | 458      | 9      | La mariana giraldo       | 147,7093148 | 1126,05694  |
| 458  | 459      | 9      | La mariana giraldo       | 51,73676711 | 44,62070591 |
| 459  | 460      | 9      | La mariana giraldo       | 307,9512292 | 2373,630698 |
| 460  | 461      | 9      | La mariana giraldo       | 360,1205234 | 339,290335  |
| 461  | 462      | 9      | La mariana giraldo       | 138,3766272 | 175,5239251 |
| 462  | 463      | 9      | calle 70-calle74         | 95,41031817 | 109,1321059 |
| 463  | 464      | 9      | calle 70-calle74         | 113,6717658 | 111,020514  |
| 464  | 465      | 9      | calle 72-cr 18a          | 115,6024156 | 544,3024123 |
| 465  | 466      | 9      | La mariana giraldo       | 80,43607301 | 332,7705209 |
| 466  | 467      | 9      | cr 19 Hogar dulce hogar  | 172,8480366 | 540,691897  |
| 467  | 468      | 9      | cr 19 Hogar dulce hogar  | 96,18299207 | 170,3897534 |
| 468  | 469      | 9      | cr 19 Hogar dulce hogar  | 200,6977425 | 397,3012655 |
| 469  | 470      | 9      | cr 19 Hogar dulce hogar  | 94,18673261 | 206,7794791 |
| 470  | 471      | 9      | cr 19 Hogar dulce hogar  | 110,8290962 | 480,0909703 |
| 471  | 472      | 9      | Portal de los alpes      | 102,2039444 | 609,4311845 |
| 472  | 473      | 9      | Luis carlos Galan        | 171,9981099 | 331,8691095 |
| 473  | 474      | 9      | Luis carlos Galan        | 101,3851852 | 611,6908489 |
| 474  | 475      | 9      | La mariana giraldo       | 26,76772279 | 45,12734761 |
| 475  | 476      | 2      | Mirador de Santa monica  | 253,0464117 | 2031,494512 |
| 476  | 477      | 2      | Mirador de Santa monica  | 221,4563045 | 87,54733374 |
| 477  | 478      | 2      | Mirador de Santa monica  | 211,2136951 | 222,6230945 |
| 478  | 479      | 2      | Mirador de Santa monica  | 212,7905893 | 190,4557565 |
| 479  | 480      | 2      | Mirador de Santa monica  | 176,7844273 | 179,3791169 |
| 480  | 481      | 2      | Mirador de Santa monica  | 114,0154921 | 92,58815124 |
| 481  | 482      | 2      | Mirador de Santa monica  | 146,6967042 | 177,4879983 |
| 482  | 483      | 2      | La sultana               | 460,7550239 | 1648,652373 |
| 483  | 484      | 2      | La sultana               | 194,2238622 | 876,3197256 |
| 484  | 485      | 2      | La sultana               | 179,5088344 | 924,956844  |
| 485  | 486      | 2      | La sultana               | 148,8518845 | 751,6233109 |
| 486  | 487      | 2      | La sultana               | 72,75342985 | 37,01524109 |
| 487  | 488      | 2      | La sultana               | 200,9860747 | 345,5359489 |
| 488  | 489      | 2      | La sultana               | 166,5390931 | 235,8170169 |
| 489  | 490      | 2      | La sultana               | 97,43106254 | 259,7205931 |
| 490  | 491      | 2      | La sultana               | 128,5803921 | 637,0789455 |
| 491  | 492      | 9      | Camilo torres zona7      | 324,1549813 | 2604,749136 |
| 492  | 493      | 9      | Camilo torres zona7      | 131,2134339 | 538,920674  |
| 493  | 494      | 9      | Altos camilo torres      | 200,6869431 | 476,5543273 |
| 494  | 495      | 9      | Altos camilo torres      | 46,4423428  | 93,26476691 |
| 495  | 496      | 9      | Luis carlos galan        | 138,8590989 | 129,3265832 |
| 496  | 497      | 9      | Luis carlos galan        | 137,283499  | 492,2157607 |
| 497  | 498      | 9      | Altos camilo torres      | 159,7147245 | 162,032877  |
| 498  | 499      | 9      | Altos camilo torres      | 140,7662333 | 734,3342802 |
| 499  | 500      | 9      | Luis carlos galan        | 77,99291047 | 287,2705713 |
| 500  | 501      | 9      | Bellavista II            | 249,7891263 | 220,4496602 |
| 501  | 502      | 9      | Luis carlos galan        | 170,8030397 | 184,5063996 |
| 502  | 503      | 9      | Altos camilo torres      | 218,3282718 | 660,8339079 |
| 503  | 504      | 9      | El jazmin                | 101,9058109 | 121,7220468 |
| 504  | 505      | 9      | El jazmin                | 87,96236896 | 116,0299428 |
| 505  | 506      | 9      | El jazmin                | 81,40729731 | 52,41538733 |
| 506  | 507      | 9      | El jazmin                | 271,0503834 | 805,1837304 |
| 507  | 508      | 9      | El jazmin                | 177,4982416 | 404,9048355 |
| 508  | 509      | 9      | El jazmin                | 166,6888776 | 305,0380071 |
| 509  | 510      | 9      | El jazmin                | 55,07914751 | 96,64443087 |
| 510  | 511      | 9      | El jazmin                | 64,7818049  | 190,0623291 |
| 511  | 512      | 9      | El jazmin                | 54,890771   | 102,7106075 |
| 512  | 513      | 9      | Camilo torres zona7      | 219,5567263 | 212,490845  |
| 513  | 514      | 9      | Camilo torres zona7      | 35,53923403 | 59,13044209 |
| 514  | 515      | 9      | Camilo torres zona7      | 80,39071199 | 68,03398259 |
| 515  | 516      | 9      | Camilo torres zona7      | 38,34252702 | 55,54013698 |
| 516  | 517      | 9      | Camilo torres zona7      | 60,22027272 | 146,3567936 |
| 517  | 518      | 9      | Camilo torres zona7      | 291,1544552 | 329,7874572 |
| 518  | 519      | 9      | Pueblo son alto          | 141,6608999 | 797,6801289 |
| 519  | 520      | 9      | Pueblo son alto          | 256,2973715 | 221,9442838 |
| 520  | 521      | 9      | Pueblo son alto          | 400,8120213 | 1038,976932 |
| 521  | 522      | 9      | Plan III Zona 6          | 70,85171477 | 60,95392895 |
| 522  | 523      | 9      | Camilo torres zona7      | 37,26924271 | 46,6013621  |
| 523  | 524      | 9      | Plan III Zona 6          | 140,0174898 | 304,6652629 |
| 524  | 525      | 9      | Plan III Zona 6          | 50,97408416 | 45,57648182 |
| 525  | 526      | 9      | Camilo torres zona7      | 82,16530204 | 80,74884834 |
| 526  | 527      | 9      | Camilo torres zona7      | 22,9135888  | 10,47528829 |
| 527  | 528      | 9      | Camilo torres zona7      | 247,2541892 | 448,3627714 |
| 528  | 529      | 9      | Camilo torres zona7      | 39,57716348 | 29,44527684 |
| 529  | 530      | 9      | Camilo torres zona7      | 15,86294933 | 12,74774516 |
| 530  | 531      | 9      | Camilo torres zona7      | 43,67426811 | 29,50371654 |
| 531  | 532      | 9      | Camilo torres zona7      | 70,16420957 | 57,81826741 |
| 532  | 533      | 2      | La sultana               | 178,3333812 | 613,0652083 |
| 533  | 534      | 9      | Solidaridad por colombia | 289,6077678 | 1756,790609 |
| 534  | 535      | 9      | Pueblo son alto          | 101,7547778 | 118,9602598 |
| 535  | 536      | 9      | Pueblo son alto          | 313,3975462 | 1113,841692 |
| 536  | 537      | 9      | Pueblo son alto          | 104,6231872 | 248,2021333 |
| 537  | 538      | 9      | Pueblo son alto          | 63,09281378 | 89,41045992 |
| 538  | 539      | 9      | Solidaridad por colombia | 398,849922  | 1189,429639 |
| 539  | 540      | 9      | Plan III Zona 3          | 230,8313093 | 365,2600515 |
| 540  | 541      | 9      | Plan III Zona 4          | 156,5178006 | 290,8346304 |
| 541  | 542      | 9      | Plan III Zona 4          | 185,1057511 | 672,9220066 |
| 542  | 543      | 9      | Plan III Zona 2          | 69,15097292 | 214,2491836 |
| 543  | 544      | 9      | Plan III Zona 2          | 239,2635165 | 3033,7651   |
| 544  | 545      | 9      | Plan III Zona 3          | 85,97397574 | 111,4135084 |
| 545  | 546      | 9      | Camilo torres            | 66,46254619 | 229,824369  |

| ITEM | OBJECTID | COMUNA | Barrio                  | Shape_Leng  | AreaT       |
|------|----------|--------|-------------------------|-------------|-------------|
| 546  | 547      | 9      | Roca verde              | 93,75018451 | 372,9390284 |
| 547  | 548      | 9      | Roca verde              | 156,8959772 | 711,1399908 |
| 548  | 549      | 9      | Altos de la Capilla     | 140,396868  | 226,1499468 |
| 549  | 550      | 9      | Altos de la Capilla     | 208,7292475 | 696,6772489 |
| 550  | 551      | 9      | Altos de la Capilla     | 88,73223002 | 354,7219105 |
| 551  | 552      | 9      | Roca verde              | 34,53880244 | 40,71580984 |
| 552  | 553      | 9      | Roca verde              | 326,175948  | 615,0909704 |
| 553  | 554      | 9      | Roca verde              | 41,34242559 | 33,93323223 |
| 554  | 555      | 9      | Roca verde              | 59,54954493 | 82,32511763 |
| 555  | 556      | 9      | Roca verde              | 44,24860851 | 50,07288729 |
| 556  | 557      | 9      | Roca verde              | 266,8598379 | 351,7307985 |
| 557  | 558      | 9      | Roca verde              | 128,1388898 | 445,5988266 |
| 558  | 559      | 9      | Roca verde              | 106,4311076 | 142,5677571 |
| 559  | 560      | 2      | La sultana              | 642,5950557 | 2356,413213 |
| 560  | 561      | 2      | La sultana              | 140,5624849 | 785,7916717 |
| 561  | 562      | 2      | La sultana              | 194,1314251 | 278,6440373 |
| 562  | 563      | 2      | La sultana              | 78,15655048 | 123,2757441 |
| 563  | 564      | 2      | La sultana              | 131,3046139 | 387,6362685 |
| 564  | 565      | 2      | La sultana              | 579,5391518 | 2026,72579  |
| 565  | 566      | 2      | Villas de santa monica  | 285,8401129 | 175,0284616 |
| 566  | 567      | 2      | Villas de santa monica  | 401,0702907 | 953,6238132 |
| 567  | 568      | 2      | Villas de santa monica  | 580,7577644 | 1721,424356 |
| 568  | 569      | 2      | Urb. Altos santa monica | 91,82558975 | 146,9216106 |
| 569  | 570      | 2      | Villas de santa monica  | 20,48202892 | 22,9952304  |
| 570  | 571      | 2      | Urb. Altos santa monica | 221,003787  | 348,5563412 |
| 571  | 572      | 2      | Urb. Altos santa monica | 378,4922808 | 476,4282463 |
| 572  | 573      | 2      | Urb. Altos santa monica | 245,899589  | 850,1801125 |
| 573  | 574      | 2      | Urb. Altos santa monica | 109,1765306 | 224,6239856 |
| 574  | 575      | 2      | Urb. Altos santa monica | 109,9876021 | 188,8427664 |
| 575  | 576      | 2      | Urb. Altos santa monica | 967,0746122 | 1996,064971 |
| 576  | 577      | 2      | Conjunto santa monica   | 119,0072443 | 206,5114378 |
| 577  | 578      | 9      | Altos de la Capilla     | 210,6438275 | 914,0773053 |
| 578  | 579      | 9      | Altos de la Capilla     | 205,774673  | 570,2539733 |
| 579  | 580      | 9      | Altos de la Capilla     | 269,9661741 | 222,5713325 |
| 580  | 581      | 9      | Altos de la Capilla     | 176,1417043 | 279,0671839 |
| 581  | 582      | 9      | Altos de la Capilla     | 260,5773082 | 672,2320168 |
| 582  | 583      | 9      | Altos de la Capilla     | 214,3593778 | 427,0437913 |
| 583  | 584      | 9      | Altos de la Capilla     | 159,0169546 | 331,8581438 |
| 584  | 585      | 9      | Altos de la Capilla     | 49,15795476 | 156,6228672 |
| 585  | 586      | 9      | Altos de la Capilla     | 158,0112406 | 414,6046016 |
| 586  | 587      | 9      | Altos de la Capilla     | 223,4854911 | 650,3437066 |
| 587  | 588      | 9      | Altos de la Capilla     | 182,908887  | 502,7527435 |
| 588  | 589      | 9      | Altos de la Capilla     | 133,7258079 | 284,5775808 |
| 589  | 590      | 9      | Altos de la Capilla     | 126,7465023 | 305,439705  |
| 590  | 591      | 9      | Roca verde              | 75,50067098 | 93,72831236 |
| 591  | 592      | 9      | Altos de la Capilla     | 350,5425422 | 665,9338058 |
| 592  | 593      | 9      | Altos de la Capilla     | 191,5380758 | 523,5325749 |
| 593  | 594      | 5      | La pradera-via frayles  | 747,9384307 | 711,3341751 |
| 594  | 595      | 2      | Villas de santa monica  | 185,3595428 | 282,3186652 |
| 595  | 596      | 2      | Villas de santa monica  | 190,4574932 | 378,9980688 |
| 596  | 597      | 2      | La sultana              | 159,9713126 | 526,878319  |
| 597  | 598      | 2      | La sultana              | 215,2514234 | 177,8770434 |
| 598  | 599      | 2      | La sultana              | 233,7060856 | 1360,438235 |
| 599  | 600      | 2      | La sultana              | 53,32259636 | 102,5028318 |
| 600  | 601      | 2      | La sultana              | 488,9159568 | 1720,670053 |
| 601  | 602      | 2      | La sultana              | 1416,239443 | 8968,318683 |
| 602  | 603      | 2      | La sultana              | 145,6931225 | 244,1282904 |
| 603  | 604      | 2      | La sultana              | 82,00371301 | 58,94206219 |
| 604  | 605      | 2      | La sultana              | 129,8212712 | 137,6212671 |
| 605  | 606      | 9      | Altos de la Capilla     | 505,4805789 | 2294,075292 |
| 606  | 607      | 3      | Campestre A             | 263,9771226 | 1751,077287 |
| 607  | 608      | 5      | Calle 27 via frayles    | 542,2712607 | 620,334135  |
| 608  | 609      | 5      | Calle 27 via frayles    | 107,5006238 | 445,6755404 |
| 609  | 610      | 5      | Calle 27 via frayles    | 92,9332893  | 375,231835  |
| 610  | 611      | 5      | Calle 27 via frayles    | 762,5134042 | 832,6010041 |
| 611  | 612      | 5      | Calle 27 via frayles    | 45,5551747  | 22,48110225 |
| 612  | 613      | 5      | Calle 27 via frayles    | 46,42758801 | 25,0889459  |
| 613  | 614      | 5      | Calle 27 via frayles    | 26,45314421 | 13,04447029 |
| 614  | 615      | 5      | Calle 27 via frayles    | 69,25688842 | 108,4290826 |
| 615  | 616      | 5      | Calle 27 via frayles    | 52,79630174 | 151,5853389 |
| 616  | 617      | 5      | Calle 27 via frayles    | 94,15201075 | 377,9107971 |
| 617  | 618      | 5      | Calle 27 via frayles    | 39,00410424 | 58,64741961 |
| 618  | 619      | 5      | Calle 27 via frayles    | 428,7768913 | 483,3068895 |
| 619  | 620      | 5      | Calle 27 via frayles    | 35,58875765 | 77,41707876 |
| 620  | 621      | 5      | Calle 27 via frayles    | 54,29625462 | 48,0184982  |
| 621  | 622      | 5      | Calle 27 via frayles    | 688,6851807 | 1062,346054 |
| 622  | 623      | 5      | Calle 27 via frayles    | 629,9497073 | 857,6264528 |
| 623  | 624      | 5      | Calle 27 via frayles    | 130,4078996 | 172,0653567 |
| 624  | 625      | 5      | Calle 27 via frayles    | 23,58512855 | 26,45226422 |
| 625  | 626      | 9      | Divino nifio            | 124,2478177 | 385,9538751 |
| 626  | 627      | 9      | Los libertadores        | 209,3753441 | 2115,883365 |
| 627  | 628      | 9      | Los libertadores        | 167,5955574 | 356,5687502 |
| 628  | 629      | 9      | Los libertadores        | 157,2862689 | 598,2195339 |
| 629  | 630      | 11     | La capilla              | 316,9458511 | 215,5444599 |
| 630  | 631      | 11     | La capilla              | 455,6297576 | 376,8221522 |
| 631  | 632      | 9      | Camilo torres zona7     | 245,8510932 | 181,5701126 |
| 632  | 633      | 9      | Plan III Zona 1         | 751,8290224 | 1263,809491 |
| 633  | 634      | 9      | Plan III Zona 1         | 131,7647404 | 529,9650179 |
| 634  | 635      | 9      | Camilo torres zona7     | 175,6627214 | 279,1960443 |
| 635  | 636      | 9      | Altos de la Capilla     | 564,7632735 | 2242,159503 |
| 636  | 637      | 9      | Altos de la Capilla     | 266,7163756 | 701,2255141 |

| ITEM | OBJECTID | COMUNA | Barrio                   | Shape_Leng  | AreaT       |
|------|----------|--------|--------------------------|-------------|-------------|
| 637  | 638      | 9      | Altos de la Capilla      | 226,8036482 | 644,471235  |
| 638  | 639      | 9      | Altos de la Capilla      | 204,4384687 | 218,4982594 |
| 639  | 640      | 9      | Plan III Zona 2A         | 53,70996955 | 130,7630392 |
| 640  | 641      | 11     | Parque los naranjos      | 203,5792722 | 981,1202088 |
| 641  | 642      | 11     | Parque los naranjos      | 170,7497336 | 583,5518941 |
| 642  | 643      | 2      | Villa mariela            | 227,4267836 | 361,6815714 |
| 643  | 644      | 2      | Villa mariela            | 109,3451042 | 169,2787219 |
| 644  | 645      | 2      | Villa mariela            | 197,2884696 | 343,2677255 |
| 645  | 646      | 2      | Villa mariela            | 38,74381342 | 58,80520025 |
| 646  | 647      | 2      | Alvaro patifio           | 164,0064997 | 1520,86302  |
| 647  | 648      | 2      | Alvaro patifio           | 48,88002533 | 50,3073997  |
| 648  | 649      | 2      | Alvaro patifio           | 196,0159452 | 334,8448872 |
| 649  | 650      | 2      | Alvaro patifio           | 187,6918411 | 382,5931481 |
| 650  | 651      | 2      | Alvaro patifio           | 141,2164654 | 307,8627278 |
| 651  | 652      | 2      | Alvaro patifio           | 57,2122767  | 33,7243654  |
| 652  | 653      | 2      | Santiago londoño         | 269,7706362 | 338,1190272 |
| 653  | 654      | 2      | Santiago londoño         | 27,25742098 | 20,57858772 |
| 654  | 655      | 8      | Cerro azul               | 320,9648917 | 2640,56136  |
| 655  | 656      | 8      | Cerro azul               | 565,4556636 | 2850,585216 |
| 656  | 657      | 8      | Cerro azul               | 454,3263553 | 3891,322057 |
| 657  | 658      | 8      | Cerro azul               | 249,7021474 | 2710,125315 |
| 658  | 659      | 8      | Cerro azul               | 375,6319042 | 2581,278933 |
| 659  | 660      | 8      | Cerro azul               | 378,0179892 | 838,6652858 |
| 660  | 661      | 8      | Cerro azul               | 156,6525619 | 83,07842657 |
| 661  | 662      | 8      | Cerro azul               | 42,26845841 | 56,51994256 |
| 662  | 663      | 8      | Cerro azul               | 13,97755103 | 7,32223592  |
| 663  | 664      | 8      | Cerro azul               | 8,794335042 | 4,336130919 |
| 664  | 665      | 8      | Cerro azul               | 13,21494551 | 10,20005289 |
| 665  | 666      | 8      | Cerro azul               | 17,34644052 | 14,42775418 |
| 666  | 667      | 8      | Cerro azul               | 11,70604346 | 7,953249162 |
| 667  | 668      | 8      | Cerro azul               | 26,30158526 | 22,79618778 |
| 668  | 669      | 5      | Los lagos                | 119,5463754 | 252,0569716 |
| 669  | 670      | 5      | Los lagos                | 127,4749813 | 649,1819778 |
| 670  | 671      | 5      | Los lagos                | 44,27833812 | 30,44517874 |
| 671  | 672      | 12     | Calle 35-cr 21           | 151,1227406 | 245,0368559 |
| 672  | 673      | 8      | Calle 57 a cerro azul    | 420,8744471 | 424,7622269 |
| 673  | 674      | 12     | Calle 35-cr 21           | 214,403121  | 301,2584407 |
| 674  | 675      | 12     | Jardines de milan        | 257,3019243 | 241,2869859 |
| 675  | 676      | 8      | Calle 57 a cerro azul    | 292,0472295 | 374,5127371 |
| 676  | 677      | 8      | Calle 57 a cerro azul    | 46,87870496 | 101,0787153 |
| 677  | 678      | 8      | Cr 23 a cerro azul       | 445,4166192 | 577,6872764 |
| 678  | 679      | 11     | La capilla               | 159,3197482 | 178,6533318 |
| 679  | 680      | 11     | La capilla               | 22,14502239 | 19,35032576 |
| 680  | 681      | 11     | La capilla               | 160,0918137 | 97,0417188  |
| 681  | 682      | 8      | Cerro azul               | 297,2443573 | 186,3101823 |
| 682  | 683      | 8      | Cerro azul               | 237,4216566 | 257,0530772 |
| 683  | 684      | 8      | Cerro azul               | 41,79376217 | 44,06255165 |
| 684  | 685      | 8      | Cr 23 a cerro azul       | 314,3524559 | 449,0551256 |
| 685  | 686      | 8      | Urb.el ensueño           | 200,4874123 | 215,9888104 |
| 686  | 687      | 8      | Urb.el ensueño           | 47,60207767 | 127,5097894 |
| 687  | 688      | 8      | Urb.el ensueño           | 104,0846646 | 206,3307542 |
| 688  | 689      | 8      | Cerro azul               | 382,11102   | 1276,715257 |
| 689  | 690      | 8      | Cerro azul               | 202,9909905 | 208,543473  |
| 690  | 691      | 8      | Cerro azul               | 16,36750318 | 12,8999943  |
| 691  | 692      | 8      | Cerro azul               | 15,48441458 | 10,67439    |
| 692  | 693      | 7      | Av la esperanza-Diag 25f | 642,8803798 | 580,7969356 |
| 693  | 694      | 8      | Urb.el ensueño           | 548,4972451 | 2087,232012 |
| 694  | 695      | 8      | Urb.el ensueño           | 35,40328928 | 52,9681665  |
| 695  | 696      | 8      | Urb.el ensueño           | 61,70059196 | 97,22956695 |
| 696  | 697      | 8      | Urb.el ensueño           | 99,07806544 | 218,8783263 |
| 697  | 698      | 8      | Urb.el ensueño           | 138,2897107 | 304,8350029 |
| 698  | 699      | 8      | Urb.el ensueño           | 126,4810757 | 320,6966734 |
| 699  | 700      | 8      | Urb.el ensueño           | 109,3741841 | 225,0856065 |
| 700  | 701      | 8      | Urb.el ensueño           | 280,8627883 | 165,5857327 |
| 701  | 702      | 8      | Urb.el ensueño           | 96,64155213 | 43,40429637 |
| 702  | 703      | 7      | Jardines de milan        | 43,80813196 | 61,78261186 |
| 703  | 704      | 7      | Jardines de milan        | 27,36354817 | 33,52929542 |
| 704  | 705      | 7      | Jardines de milan        | 43,03843187 | 68,33932894 |
| 705  | 706      | 7      | Jardines de milan        | 23,73850524 | 22,18038395 |
| 706  | 707      | 7      | Parque milan             | 192,9873018 | 1695,782455 |
| 707  | 708      | 7      | Milan                    | 12,33233397 | 6,139165695 |
| 708  | 709      | 7      | Av la esperanza-Diag 25f | 224,4902857 | 260,4139425 |
| 709  | 710      | 7      | Av la esperanza-Diag 25f | 53,75825647 | 88,27004453 |
| 710  | 711      | 7      | Reservas de milan        | 69,95751302 | 59,09036813 |
| 711  | 712      | 7      | Reservas de milan        | 185,4504353 | 101,6903898 |
| 712  | 713      | 7      | Reservas de milan        | 102,8053348 | 170,6709704 |
| 713  | 714      | 7      | Av la esperanza-Diag 25f | 108,8735196 | 132,5566607 |
| 714  | 715      | 7      | Av la esperanza-Diag 25f | 41,8462795  | 39,16617039 |
| 715  | 716      | 7      | Av la esperanza-Diag 25f | 22,27369422 | 16,03910071 |
| 716  | 717      | 7      | Av la esperanza-Diag 25f | 40,05187849 | 34,37483545 |
| 717  | 718      | 7      | Av la esperanza-Diag 25f | 71,61117558 | 76,00184625 |
| 718  | 719      | 7      | Av la esperanza-Diag 25f | 188,5390546 | 342,9133209 |
| 719  | 720      | 7      | Av la esperanza-Diag 25f | 100,9328957 | 198,7960302 |
| 720  | 721      | 7      | Jardines de milan        | 80,0878059  | 65,93969705 |
| 721  | 722      | 8      | Urb.el ensueño           | 1078,336876 | 3110,542755 |
| 722  | 723      | 8      | Panorama Country II      | 398,6447386 | 1920,841099 |
| 723  | 724      | 8      | Panorama Country II      | 362,6623662 | 944,7237921 |
| 724  | 725      | 8      | Panorama Country II      | 664,3602431 | 1993,192875 |
| 725  | 726      | 8      | Panorama Country II      | 373,1428573 | 288,0672539 |
| 726  | 727      | 8      | Panorama Country II      | 352,6540923 | 510,4356283 |
| 727  | 728      | 8      | Panorama Country II      | 165,5808632 | 373,6040791 |

| ITEM | OBJECTID | COMUNA | Barrio               | Shape_Leng  | AreaT       |
|------|----------|--------|----------------------|-------------|-------------|
| 728  | 729      | 8      | Panorama Country II  | 104,5331654 | 625,77965   |
| 729  | 730      | 8      | Panorama Country II  | 90,64564575 | 417,588838  |
| 730  | 731      | 8      | Panorama Country II  | 85,55208669 | 229,8580431 |
| 731  | 732      | 8      | Panorama Country I   | 534,3007413 | 1219,282652 |
| 732  | 733      | 8      | Panorama Country I   | 365,4137108 | 2376,389948 |
| 733  | 734      | 8      | Puerto nuevo         | 265,1844681 | 712,1757624 |
| 734  | 735      | 8      | Puerto nuevo         | 206,3274938 | 532,8312666 |
| 735  | 736      | 8      | Panorama Country I   | 146,0856891 | 265,2429444 |
| 736  | 737      | 8      | Panorama Country I   | 151,0038392 | 531,1022854 |
| 737  | 738      | 8      | Panorama Country I   | 276,1584186 | 245,3542645 |
| 738  | 739      | 8      | Altos de los Robles  | 369,0940593 | 6821,575773 |
| 739  | 740      | 8      | Altos de los Robles  | 255,6775902 | 231,9323571 |
| 740  | 741      | 8      | Altos de los Robles  | 119,4207886 | 149,436729  |
| 741  | 742      | 5      | La pradera           | 219,527318  | 657,0469283 |
| 742  | 743      | 5      | La pradera           | 208,9147721 | 794,4063609 |
| 743  | 744      | 5      | La pradera           | 375,1164617 | 590,5703846 |
| 744  | 745      | 5      | La pradera           | 293,9028351 | 1181,428053 |
| 745  | 746      | 5      | La pradera           | 132,6622496 | 87,53385672 |
| 746  | 747      | 5      | Santa Monica         | 130,5182811 | 105,8388306 |
| 747  | 748      | 5      | Santa Monica         | 73,24134124 | 26,1489366  |
| 748  | 749      | 5      | Santa Monica         | 129,5383434 | 102,1234237 |
| 749  | 750      | 5      | Santa Monica         | 141,4183027 | 198,3388874 |
| 750  | 751      | 5      | Santa Monica         | 138,8025874 | 142,8196955 |
| 751  | 752      | 5      | Santa Monica         | 79,28345346 | 70,66468482 |
| 752  | 753      | 5      | Santa Monica         | 67,45044593 | 46,12188048 |
| 753  | 754      | 5      | Santa Monica         | 81,87189952 | 75,88990041 |
| 754  | 755      | 5      | Santa Monica         | 87,90680404 | 67,17549741 |
| 755  | 756      | 5      | Santa Monica         | 140,2281776 | 148,3460022 |
| 756  | 757      | 5      | Santa Monica         | 47,3855207  | 43,67494493 |
| 757  | 758      | 5      | Santa Monica         | 29,10920892 | 20,74184098 |
| 758  | 759      | 5      | Santa Monica         | 269,1882389 | 324,5584843 |
| 759  | 760      | 5      | Santa Monica         | 60,60234283 | 66,45761605 |
| 760  | 761      | 5      | Santa Monica         | 221,3372117 | 232,6997427 |
| 761  | 762      | 5      | Santa Monica         | 133,4641339 | 163,1179328 |
| 762  | 763      | 5      | Santa Monica         | 39,06164082 | 40,04454972 |
| 763  | 764      | 5      | Santa Monica         | 40,6175817  | 13,29384895 |
| 764  | 765      | 5      | Santa Monica         | 37,28896789 | 22,47052922 |
| 765  | 766      | 5      | Santa Monica         | 31,6157829  | 31,52120488 |
| 766  | 767      | 5      | Valher               | 355,0870292 | 260,0291502 |
| 767  | 768      | 5      | Valher               | 48,44962892 | 22,57455472 |
| 768  | 769      | 5      | Valher               | 623,4452763 | 2659,785788 |
| 769  | 770      | 8      | Primavera azul       | 246,0417173 | 1776,996016 |
| 770  | 771      | 8      | Primavera azul       | 146,4214185 | 473,9536808 |
| 771  | 772      | 8      | Primavera azul       | 602,2589885 | 735,273177  |
| 772  | 773      | 8      | Altos de los Robles  | 87,69248871 | 136,6355604 |
| 773  | 774      | 8      | Panorama Country III | 143,8784428 | 159,1090708 |
| 774  | 775      | 8      | Panorama Country III | 104,3501349 | 218,1859048 |
| 775  | 776      | 8      | Panorama Country III | 105,5529361 | 492,1755963 |
| 776  | 777      | 8      | Panorama Country III | 89,18167715 | 91,92527825 |
| 777  | 778      | 8      | Panorama Country III | 289,1530136 | 489,3155679 |
| 778  | 779      | 8      | Primavera azul       | 44,1420778  | 27,34730218 |
| 779  | 780      | 8      | Primavera azul       | 53,3074633  | 44,88038276 |
| 780  | 781      | 8      | Primavera azul       | 249,3947063 | 495,8411631 |
| 781  | 782      | 8      | Primavera azul       | 120,5870766 | 273,6631576 |
| 782  | 783      | 8      | Primavera azul       | 252,254787  | 259,5723913 |
| 783  | 784      | 8      | Primavera azul       | 139,6290894 | 369,417744  |
| 784  | 785      | 8      | Primavera azul       | 139,430286  | 233,8678057 |
| 785  | 786      | 5      | Santa Monica         | 239,1951604 | 224,5586538 |
| 786  | 787      | 5      | Santa Monica         | 25,093215   | 22,005934   |
| 787  | 788      | 5      | Santa Monica         | 57,00336088 | 27,0315826  |
| 788  | 789      | 5      | Valher               | 23,8004204  | 22,80366775 |
| 789  | 790      | 5      | Valher               | 21,81839586 | 10,91538686 |
| 790  | 791      | 2      | La raquelita         | 432,0586477 | 1600,040481 |
| 791  | 792      | 2      | La raquelita         | 352,0147237 | 415,061361  |
| 792  | 793      | 8      | Barro blanco         | 102,075004  | 319,8035944 |
| 793  | 794      | 8      | Barro blanco         | 30,61909371 | 36,7382223  |
| 794  | 795      | 8      | Barro blanco         | 140,8315712 | 122,1965456 |
| 795  | 796      | 8      | Barro blanco         | 25,93105867 | 34,28255755 |
| 796  | 797      | 8      | Barro blanco         | 22,65233353 | 24,80241814 |
| 797  | 798      | 8      | Barro blanco         | 103,7129818 | 443,0558691 |
| 798  | 799      | 8      | Barro blanco         | 29,4863632  | 16,62523213 |
| 799  | 800      | 8      | Barro blanco         | 122,77149   | 195,5360194 |
| 800  | 801      | 8      | Barro blanco         | 46,49201634 | 126,7893331 |
| 801  | 802      | 8      | Barro blanco         | 22,39360175 | 27,22383925 |
| 802  | 803      | 8      | Barro blanco         | 74,22005337 | 68,24246374 |
| 803  | 804      | 8      | Barro blanco         | 64,22455469 | 160,3613695 |
| 804  | 805      | 8      | Barro blanco         | 32,72320606 | 46,24423778 |
| 805  | 806      | 8      | Barro blanco         | 64,88060634 | 52,60265534 |
| 806  | 807      | 8      | Barro blanco         | 26,80934327 | 18,11102208 |
| 807  | 808      | 8      | Barro blanco         | 182,6756303 | 256,5405366 |
| 808  | 809      | 8      | Primavera azul       | 119,1747056 | 230,0191177 |
| 809  | 810      | 8      | Primavera azul       | 26,61643595 | 36,77361406 |
| 810  | 811      | 8      | Primavera azul       | 458,4257232 | 1887,237826 |
| 811  | 812      | 8      | Primavera azul       | 18,02982515 | 12,55299668 |
| 812  | 813      | 8      | Primavera azul       | 37,24742246 | 38,89638301 |
| 813  | 814      | 8      | Primavera azul       | 43,92916957 | 44,24196153 |
| 814  | 815      | 8      | Primavera azul       | 171,260718  | 537,6836074 |
| 815  | 816      | 8      | Primavera azul       | 74,99846217 | 204,5083618 |
| 816  | 817      | 8      | Primavera azul       | 101,1731162 | 610,0872815 |
| 817  | 818      | 8      | Primavera azul       | 72,63474823 | 218,6071056 |
| 818  | 819      | 8      | Primavera azul       | 88,90125069 | 317,2045393 |

| ITEM | OBJECTID | COMUNA | Barrio            | Shape_Leng  | AreaT       |
|------|----------|--------|-------------------|-------------|-------------|
| 819  | 820      | 8      | Primavera azul    | 23,6948392  | 32,98599553 |
| 820  | 821      | 8      | Primavera azul    | 18,98922412 | 19,9420373  |
| 821  | 822      | 8      | Primavera azul    | 159,6018114 | 813,2632054 |
| 822  | 823      | 8      | Primavera azul    | 213,9571467 | 272,2780059 |
| 823  | 824      | 8      | Primavera azul    | 58,80394684 | 68,75087774 |
| 824  | 825      | 8      | Primavera azul    | 98,40939697 | 145,2948465 |
| 825  | 826      | 8      | Primavera azul    | 255,233511  | 931,9231233 |
| 826  | 827      | 2      | Villa laura       | 142,193747  | 630,4436138 |
| 827  | 828      | 8      | Primavera azul    | 128,1397129 | 734,5991541 |
| 828  | 829      | 8      | Primavera azul    | 378,3729883 | 603,6880693 |
| 829  | 830      | 2      | La okarina        | 138,9748309 | 242,823659  |
| 830  | 831      | 2      | La okarina        | 19,81614006 | 19,85684834 |
| 831  | 832      | 2      | La okarina        | 150,9735751 | 383,5571759 |
| 832  | 833      | 2      | La okarina        | 291,1564284 | 602,4169558 |
| 833  | 834      | 2      | La okarina        | 74,78388396 | 182,4552157 |
| 834  | 835      | 2      | La okarina        | 34,94918301 | 37,07837382 |
| 835  | 836      | 2      | La okarina        | 75,21676882 | 171,7363021 |
| 836  | 837      | 2      | La okarina        | 240,5107462 | 159,4358344 |
| 837  | 838      | 2      | La okarina        | 244,1277072 | 184,7141823 |
| 838  | 839      | 2      | La okarina        | 160,7051397 | 433,1598393 |
| 839  | 840      | 2      | La raquelita      | 125,1001681 | 187,4940813 |
| 840  | 841      | 2      | La raquelita      | 146,330019  | 109,7789469 |
| 841  | 842      | 2      | La raquelita      | 156,1706138 | 143,1678214 |
| 842  | 843      | 2      | La raquelita      | 147,9761657 | 120,7647523 |
| 843  | 844      | 2      | La raquelita      | 90,06597244 | 64,3200961  |
| 844  | 845      | 2      | La raquelita      | 29,27037717 | 26,29021568 |
| 845  | 846      | 2      | La raquelita      | 30,93698651 | 30,23949743 |
| 846  | 847      | 2      | La raquelita      | 170,1652878 | 380,6524679 |
| 847  | 848      | 2      | Villa laura       | 131,3396161 | 539,5710327 |
| 848  | 849      | 2      | Villa laura       | 21,07929006 | 25,90888674 |
| 849  | 850      | 2      | Villa laura       | 12,50969749 | 9,633279104 |
| 850  | 851      | 2      | Villa laura       | 59,6846878  | 21,20861683 |
| 851  | 852      | 2      | Villa laura       | 106,7193255 | 187,4856196 |
| 852  | 853      | 2      | Villa laura       | 22,94091685 | 24,22423425 |
| 853  | 854      | 8      | El modelo         | 105,7556445 | 675,4291158 |
| 854  | 855      | 8      | El modelo         | 40,54500547 | 79,99804559 |
| 855  | 856      | 8      | El modelo         | 51,5273798  | 122,2350516 |
| 856  | 857      | 8      | El modelo         | 27,87452413 | 42,07027893 |
| 857  | 858      | 2      | Urb los almendros | 63,52489421 | 97,097297   |
| 858  | 859      | 12     | El modelo         | 88,0850934  | 453,4487292 |
| 859  | 860      | 12     | El modelo         | 19,36709736 | 11,62546718 |
| 860  | 861      | 7      | Girasol           | 36,35665727 | 49,62225197 |
| 861  | 862      | 7      | Girasol           | 46,3628174  | 91,50895307 |
| 862  | 863      | 7      | Girasol           | 65,704197   | 206,4208372 |
| 863  | 864      | 7      | Girasol           | 76,25203822 | 134,7987988 |
| 864  | 865      | 7      | Girasol           | 550,6705609 | 902,8174388 |
| 865  | 866      | 7      | Girasol           | 35,05180619 | 30,73224252 |
| 866  | 867      | 7      | Girasol           | 29,07665078 | 38,2802138  |
| 867  | 868      | 7      | Girasol           | 58,31103526 | 90,14388391 |
| 868  | 869      | 7      | Girasol           | 251,2589492 | 246,3954109 |
| 869  | 870      | 7      | Primavera azul    | 149,8450907 | 707,6710883 |
| 870  | 871      | 7      | Primavera azul    | 42,77205826 | 66,28465478 |
| 871  | 872      | 7      | La esmeralda      | 199,972508  | 530,3317436 |
| 872  | 873      | 7      | La esmeralda      | 50,29700349 | 39,54345321 |
| 873  | 874      | 7      | La esmeralda      | 47,56455855 | 21,93429658 |
| 874  | 875      | 7      | La esmeralda      | 186,9675101 | 966,4426251 |
| 875  | 876      | 7      | La esmeralda      | 27,44571289 | 26,99718404 |
| 876  | 877      | 7      | La esmeralda      | 50,89413658 | 56,08913605 |
| 877  | 878      | 7      | La esmeralda      | 47,84047051 | 22,82569559 |
| 878  | 879      | 2      | Urb los almendros | 239,4852294 | 338,786581  |
| 879  | 880      | 2      | Urb los almendros | 88,4806859  | 230,4559532 |
| 880  | 881      | 7      | La esmeralda      | 57,52420262 | 155,4254994 |
| 881  | 882      | 7      | La esmeralda      | 27,05926213 | 23,09747913 |
| 882  | 883      | 8      | Primavera azul    | 453,2212576 | 1208,229926 |
| 883  | 884      | 8      | Primavera azul    | 36,32107671 | 68,07475948 |
| 884  | 885      | 8      | Primavera azul    | 27,59584363 | 19,24904532 |
| 885  | 886      | 8      | Primavera azul    | 132,9357376 | 112,2045867 |
| 886  | 887      | 8      | Primavera azul    | 79,61024803 | 110,4868344 |
| 887  | 888      | 8      | Primavera azul    | 86,26503562 | 146,6269923 |
| 888  | 889      | 8      | Primavera azul    | 54,09326541 | 93,76723188 |
| 889  | 890      | 8      | Primavera azul    | 46,16202763 | 30,35152362 |
| 890  | 891      | 8      | Primavera azul    | 26,25010856 | 42,68533198 |
| 891  | 892      | 8      | Primavera azul    | 340,8255476 | 252,8153325 |
| 892  | 893      | 8      | Primavera azul    | 18,69060394 | 23,70111282 |
| 893  | 894      | 8      | Primavera azul    | 128,8932775 | 94,50434195 |
| 894  | 895      | 8      | Primavera azul    | 98,94836204 | 128,1071966 |
| 895  | 896      | 8      | Primavera azul    | 98,9660608  | 113,9790809 |
| 896  | 897      | 8      | Primavera azul    | 59,20915523 | 161,9482564 |
| 897  | 898      | 8      | Primavera azul    | 75,65555536 | 64,74872669 |
| 898  | 899      | 8      | Primavera azul    | 49,2245461  | 113,3760024 |
| 899  | 900      | 8      | Primavera azul    | 392,827623  | 1179,10091  |
| 900  | 901      | 8      | Primavera azul    | 196,446547  | 529,3941277 |
| 901  | 902      | 8      | Primavera azul    | 15,97862079 | 8,752871623 |
| 902  | 903      | 8      | El martillo       | 58,23536615 | 152,5222963 |
| 903  | 904      | 8      | El martillo       | 44,68912905 | 85,27969614 |
| 904  | 905      | 8      | El martillo       | 46,94781924 | 92,46766333 |
| 905  | 906      | 8      | El modelo         | 95,36188113 | 354,5376981 |
| 906  | 907      | 8      | El martillo       | 18,44853815 | 14,8164934  |
| 907  | 908      | 8      | El martillo       | 35,68669037 | 42,67155816 |
| 908  | 909      | 8      | El modelo         | 119,1410316 | 392,8696896 |
| 909  | 910      | 12     | El modelo         | 227,2251193 | 305,3439768 |

| ITEM | OBJECTID | COMUNA | Barrio                 | Shape_Leng  | AreaT       |
|------|----------|--------|------------------------|-------------|-------------|
| 910  | 911      | 12     | El modelo              | 230,4112621 | 743,2913383 |
| 911  | 912      | 12     | Parque sanfermando     | 43,85261748 | 88,79977759 |
| 912  | 913      | 12     | Parque sanfermando     | 88,35919591 | 406,9035027 |
| 913  | 914      | 12     | Cr 21-calle 48         | 63,76443191 | 69,54635162 |
| 914  | 915      | 12     | Cr 21-calle 48         | 44,35203692 | 69,86833703 |
| 915  | 916      | 8      | Cr 21-calle 48         | 117,4379907 | 75,06852694 |
| 916  | 917      | 7      | La esmeralda           | 81,4408968  | 98,62243726 |
| 917  | 918      | 7      | La esmeralda           | 339,7059348 | 1333,356971 |
| 918  | 919      | 7      | Parque progreso        | 280,9625993 | 1610,786441 |
| 919  | 920      | 7      | Parque progreso        | 128,9795092 | 499,4635556 |
| 920  | 921      | 7      | Cambulos               | 51,46251895 | 89,23764257 |
| 921  | 922      | 7      | Cambulos               | 54,10864183 | 45,95228411 |
| 922  | 923      | 7      | Molvento de las villas | 112,3824066 | 90,5015606  |
| 923  | 924      | 7      | Los Molinos            | 116,2876486 | 569,9966732 |
| 924  | 925      | 12     | Los Molinos            | 81,22025434 | 72,10515433 |
| 925  | 926      | 12     | Los Molinos            | 26,96166339 | 10,24831166 |
| 926  | 927      | 12     | Los Molinos            | 99,15832306 | 117,2276041 |
| 927  | 928      | 12     | Los Molinos            | 137,5789973 | 163,2454925 |
| 928  | 929      | 12     | Los Molinos            | 29,66882113 | 38,81149293 |
| 929  | 930      | 12     | Los Molinos            | 38,02536125 | 50,78967286 |
| 930  | 931      | 12     | Av Molinos             | 123,5672363 | 129,4250966 |
| 931  | 932      | 12     | Av Molinos             | 73,1753397  | 59,23856203 |
| 932  | 933      | 12     | Calle 36-Cr 21         | 252,6799834 | 187,2067767 |
| 933  | 934      | 12     | Calle 36-Cr 21         | 240,4764788 | 91,35311587 |
| 934  | 935      | 12     | Calle 36-Cr 21         | 274,6944757 | 237,0071035 |
| 935  | 936      | 12     | Sector CAM             | 200,3249668 | 271,2940681 |
| 936  | 937      | 12     | Sector CAM             | 155,4514424 | 102,6202146 |
| 937  | 938      | 12     | Sector CAM             | 115,8093807 | 781,7520813 |
| 938  | 939      | 12     | Sector CAM             | 61,78692359 | 193,3074521 |
| 939  | 940      | 7      | Las colinas            | 283,3683329 | 444,9504515 |
| 940  | 941      | 7      | Las colinas            | 158,1180303 | 924,6072667 |
| 941  | 942      | 7      | Las colinas            | 151,4335345 | 373,0871403 |
| 942  | 943      | 7      | Pablo VI               | 497,4367407 | 2021,859312 |
| 943  | 944      | 12     | Sector CAM             | 123,3315214 | 135,0106389 |
| 944  | 945      | 12     | Sector CAM             | 256,2769348 | 966,7717402 |
| 945  | 946      | 12     | Sector CAM             | 157,6200563 | 85,78504387 |
| 946  | 947      | 12     | Sector CAM             | 42,56502678 | 44,76850871 |
| 947  | 948      | 12     | Sector CAM             | 34,33932853 | 31,30397464 |
| 948  | 949      | 12     | Sector CAM             | 56,83691433 | 97,61014709 |
| 949  | 950      | 12     | Sector CAM             | 25,5887932  | 34,31525896 |
| 950  | 951      | 12     | Sector CAM             | 48,30256702 | 63,56223186 |
| 951  | 952      | 12     | Sector CAM             | 49,65120398 | 62,59601148 |
| 952  | 953      | 12     | Calle 35-cr 21         | 95,36126167 | 80,64077223 |
| 953  | 954      | 3      | Campestre A            | 72,86811615 | 160,7596037 |
| 954  | 955      | 3      | Campestre A            | 127,2079335 | 922,6243052 |
| 955  | 956      | 3      | Campestre A            | 31,57505943 | 42,66616106 |
| 956  | 957      | 3      | Campestre A            | 143,781792  | 281,6531061 |
| 957  | 958      | 3      | Campestre A            | 139,5382019 | 179,7920155 |
| 958  | 959      | 3      | Campestre A            | 100,4769895 | 115,5281925 |
| 959  | 960      | 3      | Campestre A            | 38,34928741 | 58,45142699 |
| 960  | 961      | 3      | Campestre A            | 190,2766745 | 335,1598062 |
| 961  | 962      | 3      | Campestre A            | 198,4943857 | 134,6963484 |
| 962  | 963      | 3      | Campestre A            | 178,0060741 | 92,77321575 |
| 963  | 964      | 4      | Urb Zutama             | 148,122696  | 114,1304017 |
| 964  | 965      | 3      | Campestre A            | 144,142209  | 96,66503871 |
| 965  | 966      | 3      | Campestre A            | 136,8924074 | 59,7061916  |
| 966  | 967      | 3      | Campestre A            | 190,3576208 | 106,853416  |
| 967  | 968      | 12     | Guadalupe              | 183,553833  | 1166,182626 |
| 968  | 969      | 12     | Guadalupe              | 100,2479322 | 76,95344338 |
| 969  | 970      | 1      | Villa alexandra        | 121,8855207 | 621,8206234 |
| 970  | 971      | 1      | Villa alexandra        | 193,1518426 | 529,9446492 |
| 971  | 972      | 1      | Villa alexandra        | 107,789782  | 429,6284683 |
| 972  | 973      | 1      | Villa alexandra        | 41,93278369 | 22,55035953 |
| 973  | 974      | 1      | Villa alexandra        | 44,43349945 | 52,7994012  |
| 974  | 975      | 1      | La gracia              | 8,512790304 | 2,287577962 |
| 975  | 976      | 1      | Villa alexandra        | 86,99447803 | 72,00478947 |
| 976  | 977      | 1      | La gracia              | 82,68878381 | 74,02961557 |
| 977  | 978      | 1      | La gracia              | 67,81546356 | 63,70855759 |
| 978  | 979      | 1      | La gracia              | 19,02347843 | 14,3994667  |
| 979  | 980      | 1      | La gracia              | 20,9303144  | 15,52919711 |
| 980  | 981      | 1      | La gracia              | 38,53673369 | 20,82769085 |
| 981  | 982      | 1      | La gracia              | 100,2365395 | 134,1608023 |
| 982  | 983      | 1      | La gracia              | 33,42515413 | 22,12779326 |
| 983  | 984      | 1      | La gracia              | 357,0354331 | 494,945429  |
| 984  | 985      | 1      | La gracia              | 146,7740041 | 194,1327603 |
| 985  | 986      | 1      | La gracia              | 70,22527321 | 44,39820144 |
| 986  | 987      | 1      | La gracia              | 135,512405  | 227,8113175 |
| 987  | 988      | 1      | La gracia              | 32,13288652 | 26,74846517 |
| 988  | 989      | 1      | La gracia              | 79,36723327 | 259,9564551 |
| 989  | 990      | 1      | La gracia              | 131,7436654 | 90,92591104 |
| 990  | 991      | 1      | La gracia              | 137,8976349 | 481,7183039 |
| 991  | 992      | 1      | La gracia              | 137,9951298 | 349,2621805 |
| 992  | 993      | 1      | La gracia              | 175,1763826 | 854,6987049 |
| 993  | 994      | 1      | La gracia              | 141,9033484 | 502,8341814 |
| 994  | 995      | 3      | Campestre A            | 172,3924586 | 418,0239999 |
| 995  | 996      | 3      | Campestre A            | 96,76456253 | 439,1053781 |
| 996  | 997      | 3      | Campestre A            | 282,5361516 | 1416,885796 |
| 997  | 998      | 3      | Campestre A            | 221,9835112 | 246,7990326 |
| 998  | 999      | 3      | Campestre A            | 298,9379326 | 1432,639704 |
| 999  | 1000     | 3      | Campestre A            | 22,87365254 | 18,42245927 |
| 1000 | 1001     | 3      | Campestre A            | 319,9955549 | 3720,61539  |

| ITEM | OBJECTID | COMUNA | Barrio                   | Shape_Leng  | AreaT       |
|------|----------|--------|--------------------------|-------------|-------------|
| 1001 | 1002     | 3      | Campestre A              | 161,4028219 | 65,47195616 |
| 1002 | 1003     | 3      | Campestre A              | 202,9244814 | 796,1051176 |
| 1003 | 1004     | 3      | Campestre A              | 39,79381848 | 28,87401481 |
| 1004 | 1005     | 3      | Campestre A              | 82,36762045 | 76,50309833 |
| 1005 | 1006     | 3      | Campestre A              | 191,0982125 | 1142,037793 |
| 1006 | 1007     | 3      | Campestre A              | 172,3907252 | 251,0299071 |
| 1007 | 1008     | 3      | Campestre A              | 56,22529331 | 46,63048297 |
| 1008 | 1009     | 3      | Campestre A              | 31,0256817  | 19,87984459 |
| 1009 | 1010     | 3      | Campestre A              | 924,7506685 | 1239,146967 |
| 1010 | 1011     | 4      | El bohío                 | 56,39314726 | 25,51999202 |
| 1011 | 1012     | 4      | El bohío                 | 26,80880263 | 17,28333125 |
| 1012 | 1013     | 4      | El bohío                 | 18,81078133 | 8,574657491 |
| 1013 | 1014     | 4      | El bohío                 | 23,7137374  | 15,14763276 |
| 1014 | 1015     | 4      | Quintas de san sebastian | 729,9668337 | 407,0525663 |
| 1015 | 1016     | 4      | Quintas de san rafael    | 279,6021799 | 576,9989719 |
| 1016 | 1017     | 3      | Campestre B              | 388,6029205 | 225,2679033 |
| 1017 | 1018     | 3      | Campestre B              | 31,59775835 | 41,17750249 |
| 1018 | 1019     | 3      | Campestre B              | 153,6852688 | 390,8804952 |
| 1019 | 1020     | 3      | Campestre B              | 105,9890483 | 96,01295068 |
| 1020 | 1021     | 3      | Campestre B              | 269,8505065 | 832,0538962 |
| 1021 | 1022     | 3      | Campestre B              | 90,53269322 | 151,235181  |
| 1022 | 1023     | 3      | Campestre B              | 95,90045586 | 83,57763808 |
| 1023 | 1024     | 3      | Campestre B              | 216,4134061 | 1302,608483 |
| 1024 | 1025     | 3      | Campestre B              | 324,9617004 | 487,6983824 |
| 1025 | 1026     | 3      | Campestre B              | 48,99616733 | 52,02373136 |
| 1026 | 1027     | 3      | Campestre B              | 604,0162874 | 3075,331886 |
| 1027 | 1028     | 3      | Campestre B              | 56,75074948 | 190,7465361 |
| 1028 | 1029     | 3      | Campestre B              | 49,30863173 | 62,69675409 |
| 1029 | 1030     | 3      | Campestre B              | 334,174194  | 412,3711846 |
| 1030 | 1031     | 3      | Campestre B              | 389,1556047 | 536,4368482 |
| 1031 | 1032     | 3      | Campestre B              | 54,58718128 | 131,5582096 |
| 1032 | 1033     | 3      | Campestre B              | 80,50323558 | 386,5898899 |
| 1033 | 1034     | 12     | Guadalupe                | 173,4204017 | 839,0958815 |
| 1034 | 1035     | 12     | Guadalupe                | 84,3514297  | 62,19278669 |
| 1035 | 1036     | 12     | Guadalupe                | 141,2563101 | 130,2057739 |
| 1036 | 1037     | 12     | Guadalupe                | 122,0187986 | 65,29971987 |
| 1037 | 1038     | 12     | Guadalupe                | 79,47104919 | 70,02605064 |
| 1038 | 1039     | 1      | Villa alexandra          | 191,041617  | 176,0075042 |
| 1039 | 1040     | 3      | El porvenir              | 231,1272183 | 418,9757914 |
| 1040 | 1041     | 3      | El porvenir              | 28,21047736 | 30,72335048 |
| 1041 | 1042     | 3      | Quintas del campestre    | 35,78817637 | 34,03422482 |
| 1042 | 1043     | 3      | Campestre B              | 198,5989771 | 425,877226  |
| 1043 | 1044     | 3      | Campestre B              | 385,7153011 | 894,2874992 |
| 1044 | 1045     | 3      | Campestre B              | 102,6230973 | 564,4901015 |
| 1045 | 1046     | 3      | Campestre B              | 491,4068277 | 820,5621151 |
| 1046 | 1047     | 3      | Campestre C              | 73,94245007 | 80,54870369 |
| 1047 | 1048     | 3      | Campestre C              | 263,8511645 | 322,9679827 |
| 1048 | 1049     | 3      | Campestre C              | 166,9430648 | 1663,652484 |
| 1049 | 1050     | 3      | Campestre C              | 92,55169009 | 99,23123462 |
| 1050 | 1051     | 3      | Campestre C              | 52,49553267 | 142,3260331 |
| 1051 | 1052     | 3      | Campestre C              | 46,54169349 | 102,924466  |
| 1052 | 1053     | 3      | Campestre C              | 115,0306455 | 71,59591299 |
| 1053 | 1054     | 3      | Campestre C              | 207,5697559 | 341,4015253 |
| 1054 | 1055     | 3      | Campestre C              | 51,23745037 | 151,6210278 |
| 1055 | 1056     | 3      | Campestre C              | 90,56524448 | 264,2308824 |
| 1056 | 1057     | 3      | Campestre C              | 224,0699947 | 1080,949626 |
| 1057 | 1058     | 3      | Campestre C              | 286,9398059 | 565,8037115 |
| 1058 | 1059     | 3      | Campestre C              | 131,078148  | 589,6413573 |
| 1059 | 1060     | 3      | Campestre C              | 27,87789788 | 35,83213655 |
| 1060 | 1061     | 3      | Campestre C              | 225,3753347 | 214,8911774 |
| 1061 | 1062     | 3      | Campestre C              | 21,53823562 | 11,45640065 |
| 1062 | 1063     | 3      | Campestre C              | 74,24043301 | 82,98783529 |
| 1063 | 1064     | 3      | Campestre C              | 40,49139279 | 11,21777199 |
| 1064 | 1065     | 3      | Campestre C              | 162,8839326 | 361,6412203 |
| 1065 | 1066     | 3      | Campestre C              | 339,5921831 | 426,2270329 |
| 1066 | 1067     | 3      | Campestre C              | 198,9208992 | 278,5727291 |
| 1067 | 1068     | 3      | Campestre C              | 343,5047074 | 746,3081724 |
| 1068 | 1069     | 3      | Campestre C              | 139,1740476 | 98,99063094 |
| 1069 | 1070     | 3      | Campestre C              | 25,31697908 | 15,14824777 |
| 1070 | 1071     | 3      | Campestre C              | 431,5400877 | 417,9177929 |
| 1071 | 1072     | 4      | Santa Isabel II          | 343,0466462 | 730,9983088 |
| 1072 | 1073     | 4      | Santa Isabel II          | 175,1078882 | 202,445215  |
| 1073 | 1074     | 4      | Santa Isabel II          | 29,04065791 | 41,03528719 |
| 1074 | 1075     | 4      | Santa Isabel II          | 10,80572949 | 6,880439712 |
| 1075 | 1076     | 4      | Santa Isabel II          | 82,33678064 | 87,81128097 |
| 1076 | 1077     | 4      | Santa Isabel II          | 15,96119317 | 15,24979554 |
| 1077 | 1078     | 4      | Santa Isabel II          | 46,75397241 | 41,18179605 |
| 1078 | 1079     | 1      | Limonar                  | 455,3887604 | 1973,687662 |
| 1079 | 1080     | 1      | Limonar                  | 167,7966273 | 776,5432614 |
| 1080 | 1081     | 1      | Limonar                  | 120,9733071 | 685,6757791 |
| 1081 | 1082     | 1      | Limonar                  | 96,7007083  | 235,5670666 |
| 1082 | 1083     | 1      | Limonar                  | 153,2865765 | 188,4604733 |
| 1083 | 1084     | 1      | Limonar                  | 76,66367589 | 75,04877128 |
| 1084 | 1085     | 1      | Limonar                  | 22,12627343 | 23,30297501 |
| 1085 | 1086     | 1      | Limonar                  | 73,11426544 | 152,3797639 |
| 1086 | 1087     | 1      | Limonar                  | 19,36310188 | 19,07700311 |
| 1087 | 1088     | 1      | Limonar                  | 177,4631742 | 298,7936413 |
| 1088 | 1089     | 1      | Limonar                  | 315,1216364 | 1348,732066 |
| 1089 | 1090     | 1      | La macarena              | 105,1008725 | 91,02577141 |
| 1090 | 1091     | 1      | La macarena              | 155,4765347 | 539,9759559 |
| 1091 | 1092     | 1      | La macarena              | 223,2532536 | 242,9236234 |

| ITEM | OBJECTID | COMUNA | Barrio                   | Shape_Leng  | AreaT       |
|------|----------|--------|--------------------------|-------------|-------------|
| 1092 | 1093     | 1      | La macarena              | 26,5085334  | 25,39268238 |
| 1093 | 1094     | 1      | La macarena              | 19,93210154 | 17,94286182 |
| 1094 | 1095     | 1      | La macarena              | 1107,485169 | 1280,270284 |
| 1095 | 1096     | 1      | La macarena              | 749,8122064 | 536,2172927 |
| 1096 | 1097     | 1      | La macarena              | 51,61629983 | 36,35266364 |
| 1097 | 1098     | 1      | La macarena              | 146,9197198 | 87,86341617 |
| 1098 | 1099     | 1      | La macarena              | 32,82183471 | 52,29320909 |
| 1099 | 1100     | 1      | La macarena              | 22,08445761 | 30,06622372 |
| 1100 | 1101     | 1      | Limonar                  | 313,0311409 | 1716,951614 |
| 1101 | 1102     | 1      | Limonar                  | 240,5955846 | 583,2381109 |
| 1102 | 1103     | 1      | Limonar                  | 236,8598731 | 360,0853943 |
| 1103 | 1104     | 1      | Limonar                  | 158,559657  | 162,9016566 |
| 1104 | 1105     | 1      | Limonar                  | 238,0352741 | 252,9448559 |
| 1105 | 1106     | 1      | Limonar                  | 100,7821291 | 59,42033902 |
| 1106 | 1107     | 1      | La macarena              | 146,1959344 | 210,3737422 |
| 1107 | 1108     | 4      | Santa Isabel II          | 138,1650885 | 262,4034694 |
| 1108 | 1109     | 4      | Santa Isabel II          | 88,33339086 | 323,6760386 |
| 1109 | 1110     | 4      | Santa Isabel II          | 117,1721382 | 67,26039097 |
| 1110 | 1111     | 4      | Santa Isabel II          | 280,0140393 | 614,4869355 |
| 1111 | 1112     | 1      | La macarena              | 223,916036  | 157,5298011 |
| 1112 | 1113     | 1      | La macarena              | 239,2939907 | 261,7201933 |
| 1113 | 1114     | 1      | La macarena              | 22,61761085 | 20,92526697 |
| 1114 | 1115     | 1      | La macarena              | 75,59249247 | 49,20833312 |
| 1115 | 1116     | 1      | La macarena              | 102,61058   | 360,7483819 |
| 1116 | 1117     | 1      | Limonar                  | 201,5033201 | 1910,271965 |
| 1117 | 1118     | 1      | Limonar                  | 21,98791606 | 11,23139178 |
| 1118 | 1119     | 1      | Limonar                  | 120,8007033 | 319,8200294 |
| 1119 | 1120     | 1      | Limonar                  | 151,9390182 | 149,5266759 |
| 1120 | 1121     | 1      | Limonar                  | 108,9887758 | 126,0914867 |
| 1121 | 1122     | 1      | Limonar                  | 61,22784993 | 141,9962315 |
| 1122 | 1123     | 1      | Limonar                  | 255,2024476 | 694,9355478 |
| 1123 | 1124     | 1      | Limonar                  | 403,9922107 | 1503,374741 |
| 1124 | 1125     | 1      | Limonar                  | 20,40502449 | 25,87960711 |
| 1125 | 1126     | 1      | Limonar                  | 14,82237034 | 13,57005304 |
| 1126 | 1127     | 1      | Limonar                  | 11,79948216 | 8,624883617 |
| 1127 | 1128     | 1      | Limonar                  | 19,06748069 | 21,92011768 |
| 1128 | 1129     | 1      | Limonar                  | 178,1407657 | 551,7502679 |
| 1129 | 1130     | 1      | Limonar                  | 12,69597883 | 9,827588641 |
| 1130 | 1131     | 1      | Limonar                  | 65,68074154 | 92,8288155  |
| 1131 | 1132     | 1      | Limonar                  | 25,17078034 | 32,23372081 |
| 1132 | 1133     | 4      | Santa Isabel II          | 194,6333417 | 1976,47315  |
| 1133 | 1134     | 4      | Santa Isabel II          | 88,10394305 | 71,13292187 |
| 1134 | 1135     | 4      | Santa Isabel II          | 67,73013523 | 79,40030581 |
| 1135 | 1136     | 4      | Quintas de san sebastian | 489,4126183 | 381,3098205 |
| 1136 | 1137     | 4      | Altamira                 | 198,0474557 | 332,8052737 |
| 1137 | 1138     | 4      | Quintas de san sebastian | 136,4264638 | 228,2626575 |
| 1138 | 1139     | 4      | Quintas de san sebastian | 77,13235993 | 70,61379013 |
| 1139 | 1140     | 4      | Santa Isabel             | 72,30704229 | 192,6357127 |
| 1140 | 1141     | 4      | El bohío                 | 45,61101126 | 26,92497374 |
| 1141 | 1142     | 4      | Santa Isabel II          | 26,95024469 | 12,43289274 |
| 1142 | 1143     | 4      | Santa Isabel II          | 217,1096019 | 240,3832684 |
| 1143 | 1144     | 4      | Santa Isabel II          | 31,99829188 | 33,91498329 |
| 1144 | 1145     | 4      | Santa Isabel II          | 457,4585539 | 397,920824  |
| 1145 | 1146     | 4      | Santa Isabel II          | 25,45597218 | 20,01570351 |
| 1146 | 1147     | 4      | Santa Isabel II          | 213,0818243 | 726,6857124 |
| 1147 | 1148     | 4      | Santa Isabel II          | 333,1419994 | 737,1936547 |
| 1148 | 1149     | 4      | Santa Isabel II          | 889,7695892 | 1269,721738 |
| 1149 | 1150     | 4      | Santa Isabel II          | 217,6577115 | 189,5797748 |
| 1150 | 1151     | 4      | Santa Isabel II          | 199,0988177 | 307,6637071 |
| 1151 | 1152     | 4      | Santa Isabel II          | 169,9486509 | 160,1303025 |
| 1152 | 1153     | 4      | Santa Isabel II          | 56,68909733 | 96,01445762 |
| 1153 | 1154     | 4      | Santa Isabel II          | 82,7257967  | 174,5127194 |
| 1154 | 1155     | 4      | Santa Isabel II          | 14,72566002 | 11,28894666 |
| 1155 | 1156     | 4      | Santa Isabel II          | 108,5438042 | 20,26775348 |
| 1156 | 1157     | 4      | Santa Isabel II          | 69,66925863 | 59,18107123 |
| 1157 | 1158     | 4      | Urb Zuitama              | 64,19636503 | 59,56229629 |
| 1158 | 1159     | 4      | Urb Zuitama              | 460,1304047 | 323,145103  |
| 1159 | 1160     | 4      | El bohío                 | 74,35246581 | 72,30135936 |
| 1160 | 1161     | 5      | Santa Monica             | 116,2934373 | 596,6740659 |
| 1161 | 1162     | 5      | Santa Monica             | 84,73288675 | 95,47512924 |
| 1162 | 1163     | 3      | Campestre D              | 584,6758685 | 6273,20479  |
| 1163 | 1164     | 3      | Campestre D              | 212,4765376 | 124,1366799 |
| 1164 | 1165     | 3      | Campestre D              | 79,33206601 | 373,9787118 |
| 1165 | 1166     | 3      | Campestre D              | 189,1140546 | 409,7457042 |
| 1166 | 1167     | 3      | Campestre D              | 406,6942861 | 1320,710794 |
| 1167 | 1168     | 3      | Campestre D              | 55,70610479 | 51,27335646 |
| 1168 | 1169     | 3      | Campestre D              | 249,1990521 | 3442,112676 |
| 1169 | 1170     | 3      | Campestre D              | 32,82664515 | 33,55878611 |
| 1170 | 1171     | 3      | Campestre D              | 463,0999564 | 2168,864693 |
| 1171 | 1172     | 3      | Campestre D              | 150,7083888 | 89,66143572 |
| 1172 | 1173     | 3      | Campestre D              | 232,2769117 | 1298,189246 |
| 1173 | 1174     | 3      | Campestre D              | 258,7084154 | 128,5014498 |
| 1174 | 1175     | 3      | Campestre D              | 297,0206484 | 429,5790236 |
| 1175 | 1176     | 3      | Campestre D              | 195,5378986 | 682,282024  |
| 1176 | 1177     | 3      | Campestre D              | 265,4180334 | 368,8631568 |
| 1177 | 1178     | 3      | Campestre D              | 53,70985116 | 46,79932645 |
| 1178 | 1179     | 3      | Campestre D              | 56,80147123 | 49,20364795 |
| 1179 | 1180     | 3      | Campestre D              | 137,3442341 | 495,0310767 |
| 1180 | 1181     | 3      | Campestre D              | 227,6243921 | 574,905406  |
| 1181 | 1182     | 3      | Campestre D              | 91,04865641 | 250,7943238 |
| 1182 | 1183     | 3      | Campestre D              | 129,1024992 | 284,9305206 |

| ITEM | OBJECTID | COMUNA | Barrio                              | Shape_Leng  | AreaT       |
|------|----------|--------|-------------------------------------|-------------|-------------|
| 1183 | 1184     | 3      | Campestre D                         | 282,8276277 | 4675,866364 |
| 1184 | 1185     | 3      | Campestre D                         | 103,2514987 | 351,4682481 |
| 1185 | 1186     | 3      | Campestre D                         | 64,32243175 | 60,89886647 |
| 1186 | 1187     | 3      | Campestre D                         | 392,8965318 | 2028,553815 |
| 1187 | 1188     | 4      | Quintas de san rafael               | 251,1683101 | 1042,814022 |
| 1188 | 1189     | 4      | Quintas de san rafael               | 307,0352553 | 547,0832028 |
| 1189 | 1190     | 5      | Urb.Muebles pereira                 | 442,8234998 | 685,8605018 |
| 1190 | 1191     | 5      | Urb.Muebles pereira                 | 576,6184075 | 506,8443849 |
| 1191 | 1192     | 5      | Urb.Muebles pereira                 | 463,8143752 | 417,4415263 |
| 1192 | 1193     | 6      | Villa del campo                     | 182,8025375 | 1023,203918 |
| 1193 | 1194     | 3      | Quintas del campestre               | 701,19406   | 810,4137516 |
| 1194 | 1195     | 3      | Quintas del campestre               | 274,2096886 | 442,9848052 |
| 1195 | 1196     | 3      | Quintas del campestre               | 228,4881756 | 684,9812595 |
| 1196 | 1197     | 3      | Quintas del campestre               | 210,9707393 | 893,8390354 |
| 1197 | 1198     | 3      | Quintas del campestre               | 232,3131529 | 1866,081267 |
| 1198 | 1199     | 3      | Quintas del campestre               | 54,95114918 | 73,59997946 |
| 1199 | 1200     | 3      | Los olivos                          | 124,5442546 | 94,05354058 |
| 1200 | 1201     | 3      | Los olivos                          | 97,34797071 | 57,57098047 |
| 1201 | 1202     | 3      | Los olivos                          | 384,1828043 | 2230,447377 |
| 1202 | 1203     | 3      | Campestre D                         | 66,85551522 | 116,5577139 |
| 1203 | 1204     | 3      | Campestre D                         | 35,0778701  | 16,98162195 |
| 1204 | 1205     | 3      | Campestre D                         | 60,55617062 | 41,2810476  |
| 1205 | 1206     | 3      | Campestre D                         | 54,27824442 | 27,47968516 |
| 1206 | 1207     | 3      | Campestre D                         | 57,64108836 | 34,58571777 |
| 1207 | 1208     | 3      | Campestre D                         | 6,90706952  | 2,824136499 |
| 1208 | 1209     | 3      | Campestre D                         | 38,1969993  | 58,23508695 |
| 1209 | 1210     | 3      | Campestre D                         | 57,06707752 | 74,57682208 |
| 1210 | 1211     | 3      | Campestre D                         | 64,30212502 | 182,3019934 |
| 1211 | 1212     | 6      | Villa del campo                     | 107,0376523 | 275,7465036 |
| 1212 | 1213     | 6      | Villa del campo                     | 140,2522004 | 335,1466403 |
| 1213 | 1214     | 6      | Villa del campo                     | 51,86761748 | 144,0789262 |
| 1214 | 1215     | 6      | Villa del campo                     | 237,563824  | 636,832575  |
| 1215 | 1216     | 6      | Villa del campo                     | 98,0596532  | 269,8692238 |
| 1216 | 1217     | 6      | Villa del campo                     | 181,4677223 | 489,6247897 |
| 1217 | 1218     | 6      | Villa del campo                     | 115,6757634 | 399,4509804 |
| 1218 | 1219     | 6      | Villa del campo                     | 51,8621779  | 142,4636915 |
| 1219 | 1220     | 6      | Villa del campo                     | 80,50518916 | 26,7448617  |
| 1220 | 1221     | 6      | Villa del campo                     | 87,83721996 | 62,83896403 |
| 1221 | 1222     | 6      | Villa del campo                     | 87,00783    | 73,29737432 |
| 1222 | 1223     | 6      | Villa del campo                     | 75,97209456 | 112,1874671 |
| 1223 | 1224     | 6      | Villa del campo                     | 60,38184601 | 120,6383697 |
| 1224 | 1225     | 6      | Guayacanes                          | 33,49264639 | 29,52713381 |
| 1225 | 1226     | 6      | Guayacanes                          | 73,23191706 | 159,5898569 |
| 1226 | 1227     | 6      | Guayacanes                          | 96,86036018 | 168,6563919 |
| 1227 | 1228     | 7      | Av Molivento                        | 1091,169572 | 407,4388148 |
| 1228 | 1229     | 7      | Av Molivento                        | 385,4648997 | 330,426954  |
| 1229 | 1230     | 7      | Av Molivento                        | 671,2457601 | 179,7444895 |
| 1230 | 1231     | 7      | Av Molivento                        | 268,3589021 | 161,590481  |
| 1231 | 1232     | 7      | Av Molivento                        | 29,85714033 | 17,60337051 |
| 1232 | 1233     | 7      | Av Molivento                        | 1025,778951 | 654,2565307 |
| 1233 | 1234     | 7      | Molivento                           | 549,3728938 | 1453,542892 |
| 1234 | 1235     | 2      | Diego patifo amariles II            | 296,7559736 | 5216,586864 |
| 1235 | 1236     | 1      | Otun                                | 490,3507748 | 1396,536166 |
| 1236 | 1237     | 1      | Otun                                | 1518,090783 | 1553,18273  |
| 1237 | 1238     | 1      | Otun                                | 1046,267669 | 708,6660555 |
| 1238 | 1239     | 2      | Rincon de la pradera                | 174,7212944 | 560,2201763 |
| 1239 | 1240     | 9      | Rincon de la pradera                | 168,2207398 | 181,306733  |
| 1240 | 1241     | 9      | Rincon de la pradera                | 35,80264318 | 32,67940141 |
| 1241 | 1242     | 1      | Otun                                | 147,6634445 | 800,1426406 |
| 1242 | 1243     | 2      | Transversal 21 rincon de la pradera | 214,9128213 | 213,5990411 |
| 1243 | 1244     | 2      | Transversal 21 rincon de la pradera | 103,4496602 | 96,25069029 |
| 1244 | 1245     | 2      | Transversal 21 rincon de la pradera | 190,2256953 | 164,7381469 |
| 1245 | 1246     | 1      | Otun                                | 302,4987645 | 1572,787758 |
| 1246 | 1247     | 1      | Otun                                | 638,1912396 | 456,2423143 |
| 1247 | 1248     | 1      | Otun                                | 68,4463905  | 185,0574133 |
| 1248 | 1249     | 1      | Otun                                | 112,5930475 | 217,8232198 |
| 1249 | 1250     | 1      | Otun                                | 228,4448764 | 234,6539207 |
| 1250 | 1251     | 1      | Otun                                | 373,6878241 | 671,7181617 |
| 1251 | 1252     | 1      | Otun                                | 46,10375055 | 65,81925088 |
| 1252 | 1253     | 1      | Vallarta                            | 275,8271803 | 2002,099741 |
| 1253 | 1254     | 1      | Vallarta                            | 94,58897262 | 328,7741886 |
| 1254 | 1255     | 1      | Vallarta                            | 170,0279678 | 345,1010362 |
| 1255 | 1256     | 1      | Vallarta                            | 223,0721951 | 254,7087525 |
| 1256 | 1257     | 1      | Futurama                            | 21,35681652 | 11,77665998 |
| 1257 | 1258     | 1      | Futurama                            | 62,94556774 | 73,75256006 |
| 1258 | 1259     | 1      | Futurama                            | 72,61049507 | 81,23520615 |
| 1259 | 1260     | 1      | Futurama                            | 19,49334101 | 8,645659411 |
| 1260 | 1261     | 1      | Futurama                            | 163,3382687 | 780,0937893 |
| 1261 | 1262     | 1      | Vallarta                            | 56,25743734 | 117,4123573 |
| 1262 | 1263     | 12     | Sector CAM                          | 145,3877785 | 512,3107048 |
| 1263 | 1264     | 12     | Sector CAM                          | 18,31085817 | 9,795145337 |
| 1264 | 1265     | 12     | Sector CAM                          | 22,53205922 | 8,957007976 |
| 1265 | 1266     | 12     | Sector CAM                          | 66,76703186 | 131,9180629 |
| 1266 | 1267     | 12     | Sector CAM                          | 112,5927226 | 48,71403975 |
| 1267 | 1268     | 12     | Sector CAM                          | 39,85517859 | 75,88720852 |
| 1268 | 1269     | 5      | Urb.Muebles pereira                 | 192,1337977 | 156,6842043 |
| 1269 | 1270     | 5      | Floresta                            | 245,9005405 | 1335,204657 |
| 1270 | 1271     | 5      | Floresta                            | 55,40322225 | 41,3385052  |
| 1271 | 1272     | 5      | Santa Monica                        | 307,6821846 | 1514,248749 |
| 1272 | 1273     | 1      | Calle 47-Conj Opalo                 | 345,4193899 | 467,0701731 |
| 1273 | 1274     | 1      | Calle 47-Conj Opalo                 | 45,22497419 | 45,83822448 |

| ITEM | OBJECTO | COMUNA | Barrio                        | Shape_Leng  | AreaT       |
|------|---------|--------|-------------------------------|-------------|-------------|
| 1274 | 1275    | 1      | Calle 47-Conj Opalo           | 38,93758494 | 39,87294126 |
| 1275 | 1276    | 1      | Calle 47-Conj Opalo           | 172,4716518 | 177,8610941 |
| 1276 | 1277    | 1      | Calle 47-Conj Opalo           | 68,90004514 | 40,67273067 |
| 1277 | 1278    | 1      | Calle 47-Conj Opalo           | 43,83040448 | 41,92140348 |
| 1278 | 1279    | 1      | Calle 47-Conj Opalo           | 104,5988039 | 122,0361541 |
| 1279 | 1280    | 1      | Calle 47-Conj Opalo           | 64,80390137 | 74,7254017  |
| 1280 | 1281    | 1      | Zona Industrial la popa       | 131,0807652 | 227,654088  |
| 1281 | 1282    | 1      | Zona Industrial la popa       | 265,7929129 | 587,7613721 |
| 1282 | 1283    | 1      | Zona Industrial la popa       | 406,7629952 | 757,5824596 |
| 1283 | 1284    | 1      | Zona Industrial la popa       | 247,2133186 | 633,2747233 |
| 1284 | 1285    | 1      | Zona Industrial la popa       | 43,03327575 | 72,18350638 |
| 1285 | 1286    | 1      | Zona Industrial la popa       | 32,82497872 | 43,0050531  |
| 1286 | 1287    | 1      | Zona Industrial la popa       | 26,34628925 | 21,38312923 |
| 1287 | 1288    | 1      | Zona Industrial la popa       | 270,2795415 | 458,2932266 |
| 1288 | 1289    | 1      | Zona Industrial la popa       | 74,23880339 | 116,2271742 |
| 1289 | 1290    | 1      | Zona Industrial la popa       | 26,18153931 | 41,1778584  |
| 1290 | 1291    | 1      | Zona Industrial la popa       | 145,7650016 | 214,8066429 |
| 1291 | 1292    | 1      | Zona Industrial la popa       | 59,31331302 | 77,01284674 |
| 1292 | 1293    | 1      | Zona Industrial la popa       | 17,69623292 | 18,48747243 |
| 1293 | 1294    | 1      | Zona Industrial la popa       | 60,64364897 | 82,59894935 |
| 1294 | 1295    | 5      | La pradera                    | 173,4474884 | 1608,329477 |
| 1295 | 1296    | 5      | La pradera                    | 525,5232942 | 5635,11849  |
| 1296 | 1297    | 5      | La pradera                    | 718,1595758 | 2694,859632 |
| 1297 | 1298    | 5      | La pradera                    | 366,8118463 | 2145,77093  |
| 1298 | 1299    | 5      | La pradera                    | 587,0375781 | 3413,355108 |
| 1299 | 1300    | 5      | La pradera                    | 1062,814923 | 7173,145974 |
| 1300 | 1301    | 5      | La pradera                    | 54,9242342  | 150,1337172 |
| 1301 | 1302    | 5      | La pradera                    | 92,68008127 | 378,0386344 |
| 1302 | 1303    | 5      | La pradera                    | 65,11550263 | 262,4929809 |
| 1303 | 1304    | 5      | La pradera                    | 33,98671694 | 38,77559068 |
| 1304 | 1305    | 5      | La pradera                    | 129,2885948 | 401,893266  |
| 1305 | 1306    | 5      | La pradera                    | 127,7104311 | 58,1482265  |
| 1306 | 1307    | 5      | La pradera                    | 188,618712  | 637,3867768 |
| 1307 | 1308    | 5      | La pradera                    | 740,8676987 | 4036,146376 |
| 1308 | 1309    | 6      | El recreo                     | 442,3495594 | 1655,014149 |
| 1309 | 1310    | 6      | El recreo                     | 407,0924188 | 1118,961818 |
| 1310 | 1311    | 6      | El recreo                     | 49,6132026  | 65,58041541 |
| 1311 | 1312    | 6      | Urb.san felix                 | 382,0378909 | 2065,009006 |
| 1312 | 1313    | 12     | Guadalupe                     | 15,49751639 | 8,739711063 |
| 1313 | 1314    | 12     | Guadalupe                     | 19,96758781 | 17,48808032 |
| 1314 | 1315    | 12     | Guadalupe                     | 53,60150729 | 34,36073443 |
| 1315 | 1316    | 12     | Guadalupe                     | 13,38031242 | 7,702444838 |
| 1316 | 1317    | 12     | Guadalupe                     | 27,64878417 | 22,86789952 |
| 1317 | 1318    | 12     | Guadalupe                     | 25,0941847  | 17,05454664 |
| 1318 | 1319    | 12     | Guadalupe                     | 34,30734796 | 35,34839449 |
| 1319 | 1320    | 12     | Guadalupe                     | 64,31374544 | 60,35097523 |
| 1320 | 1321    | 12     | Guadalupe                     | 78,47021058 | 70,42375963 |
| 1321 | 1322    | 12     | Guadalupe                     | 80,7067035  | 53,09557602 |
| 1322 | 1323    | 12     | Guadalupe                     | 81,21518085 | 56,81620186 |
| 1323 | 1324    | 12     | Guadalupe                     | 52,8001288  | 34,01194581 |
| 1324 | 1325    | 12     | Guadalupe                     | 54,85684482 | 38,94600247 |
| 1325 | 1326    | 12     | Guadalupe                     | 335,6763329 | 255,9244322 |
| 1326 | 1327    | 12     | Guadalupe                     | 202,0684522 | 216,2282563 |
| 1327 | 1328    | 12     | Guadalupe                     | 83,32261743 | 111,4648043 |
| 1328 | 1329    | 12     | Guadalupe                     | 195,6157715 | 224,5166348 |
| 1329 | 1330    | 8      | Primavera azul                | 542,9269664 | 1947,463399 |
| 1330 | 1331    | 5      | Diagonal 25 Reservas del Lago | 457,1459808 | 288,5407399 |
| 1331 | 1332    | 5      | Diagonal 25 Reservas del Lago | 94,3109425  | 50,51805574 |
| 1332 | 1333    | 1      | Vallarta                      | 70,67393155 | 259,219251  |
| 1333 | 1334    | 5      | Diagonal 25a la pradera       | 250,8225679 | 214,4040894 |
| 1334 | 1335    | 5      | Diagonal 25a la pradera       | 466,756726  | 256,7037285 |
| 1335 | 1336    | 5      | Diagonal 25a la pradera       | 372,5007379 | 215,00257   |
| 1336 | 1337    | 10     | El rosal                      | 50,45863872 | 44,47846911 |
| 1337 | 1338    | 10     | El rosal                      | 57,46404301 | 39,49423584 |
| 1338 | 1339    | 10     | El rosal                      | 59,66266993 | 60,82378495 |
| 1339 | 1340    | 10     | El rosal                      | 165,233786  | 206,7378023 |
| 1340 | 1341    | 10     | El rosal                      | 129,0084508 | 89,14763832 |
| 1341 | 1342    | 5      | Calle 27 via frayles          | 25,39076248 | 7,813230458 |
| 1342 | 1343    | 2      | Mirador de Santa monica       | 271,3446673 | 1043,822259 |
| 1343 | 1344    | 5      | La pradera                    | 233,4884493 | 255,5698472 |
| 1344 | 1345    | 5      | La pradera                    | 296,3368443 | 279,7192134 |
| 1345 | 1346    | 5      | La pradera                    | 215,2606466 | 152,3447491 |
| 1346 | 1347    | 1      | Las vegas                     | 678,1075002 | 413,388662  |
| 1347 | 1348    | 1      | Las vegas                     | 889,4261863 | 617,789144  |
| 1348 | 1349    | 1      | Las vegas                     | 228,7095606 | 98,07545153 |
| 1349 | 1350    | 1      | Las vegas                     | 166,6363719 | 184,4668863 |
| 1350 | 1351    | 1      | Las vegas                     | 364,4260064 | 508,0783244 |
| 1351 | 1352    | 1      | Las vegas                     | 520,284239  | 561,4563327 |
| 1352 | 1353    | 1      | Las vegas                     | 381,7995663 | 413,1236256 |
| 1353 | 1354    | 1      | Las vegas                     | 754,5470658 | 906,9820209 |
| 1354 | 1355    | 2      | Diego patifo amariles II      | 46,43332425 | 59,82404616 |
| 1355 | 1356    | 2      | Diego patifo amariles II      | 37,69184139 | 33,43148374 |
| 1356 | 1357    | 2      | Diego patifo amariles II      | 35,55888753 | 33,59456402 |
| 1357 | 1358    | 2      | Diego patifo amariles II      | 38,56657262 | 30,63115685 |
| 1358 | 1359    | 2      | Diego patifo amariles II      | 45,92197147 | 86,97002777 |
| 1359 | 1360    | 2      | Diego patifo amariles II      | 267,4901826 | 1246,20137  |
| 1360 | 1361    | 2      | Diego patifo amariles II      | 125,9171131 | 455,967599  |
| 1361 | 1362    | 2      | Diego patifo amariles II      | 44,06608152 | 67,09869801 |
| 1362 | 1363    | 2      | Diego patifo amariles II      | 49,9493829  | 99,72521055 |
| 1363 | 1364    | 2      | Diego patifo amariles II      | 47,17078129 | 78,74860829 |
| 1364 | 1365    | 2      | Santiago londoño              | 218,2341996 | 507,3490616 |

| ITEM | OBJECTID | COMUNA | Barrio                         | Shape_Leng  | AreaT       |
|------|----------|--------|--------------------------------|-------------|-------------|
| 1365 | 1366     | 2      | Santiago londofo               | 75,51204326 | 86,9935257  |
| 1366 | 1367     | 2      | Santiago londofo               | 42,24746177 | 51,95015486 |
| 1367 | 1368     | 2      | Santiago londofo               | 27,05246388 | 30,26165257 |
| 1368 | 1369     | 2      | Villa mariea                   | 34,55173452 | 34,55884292 |
| 1369 | 1370     | 2      | Diana turbay                   | 261,1465531 | 777,0946118 |
| 1370 | 1371     | 2      | Villa mariea                   | 229,0883056 | 76,7075349  |
| 1371 | 1372     | 2      | Villa mariea                   | 145,2755701 | 230,3669579 |
| 1372 | 1373     | 2      | Villa mariea                   | 106,0780128 | 153,0534208 |
| 1373 | 1374     | 2      | Villa mariea                   | 106,4308877 | 188,1898086 |
| 1374 | 1375     | 2      | Villa mariea                   | 44,8940101  | 24,70336388 |
| 1375 | 1376     | 2      | Villa mariea                   | 45,19340952 | 31,38784061 |
| 1376 | 1377     | 2      | Villa mariea                   | 76,84510495 | 38,92775144 |
| 1377 | 1378     | 2      | Villa mariea                   | 80,50841118 | 60,50103209 |
| 1378 | 1379     | 2      | Villa mariea                   | 43,53068007 | 25,33734422 |
| 1379 | 1380     | 2      | Villa mariea                   | 46,55184531 | 29,51891832 |
| 1380 | 1381     | 2      | Villa mariea                   | 113,8366639 | 154,0526335 |
| 1381 | 1382     | 2      | Villa mariea                   | 111,3915431 | 164,2327713 |
| 1382 | 1383     | 2      | Villa mariea                   | 147,0152213 | 87,92174741 |
| 1383 | 1384     | 2      | Villa mariea                   | 36,9706903  | 63,35346135 |
| 1384 | 1385     | 2      | Villa mariea                   | 86,7807735  | 452,1465441 |
| 1385 | 1386     | 2      | La pradera-via frayles         | 461,2862521 | 333,0860872 |
| 1386 | 1387     | 2      | La pradera-via frayles         | 40,83458551 | 17,79480018 |
| 1387 | 1388     | 2      | La pradera-via frayles         | 345,2612625 | 168,077562  |
| 1388 | 1389     | 2      | La pradera-via frayles         | 32,76665969 | 17,5243075  |
| 1389 | 1390     | 2      | La pradera-via frayles         | 57,33543313 | 24,19709306 |
| 1390 | 1391     | 2      | La pradera-via frayles         | 24,4478381  | 37,13375737 |
| 1391 | 1392     | 2      | Diana turbay-cr 44             | 91,99914441 | 43,45789212 |
| 1392 | 1393     | 2      | Diana turbay-cr 44             | 52,19021099 | 43,10007274 |
| 1393 | 1394     | 2      | Diana turbay-cr 44             | 156,8028379 | 57,58427484 |
| 1394 | 1395     | 2      | Diana turbay-cr 44             | 57,80047697 | 34,95337177 |
| 1395 | 1396     | 2      | Diana turbay                   | 50,25445404 | 88,71852656 |
| 1396 | 1397     | 2      | Diana turbay                   | 44,04342979 | 61,86197341 |
| 1397 | 1398     | 2      | Diana turbay                   | 44,93947342 | 58,2792789  |
| 1398 | 1399     | 2      | Diana turbay-cr 44             | 16,50218448 | 7,140444324 |
| 1399 | 1400     | 2      | Via frayles                    | 359,2512033 | 346,1767178 |
| 1400 | 1401     | 2      | Via frayles                    | 435,1839256 | 568,0883404 |
| 1401 | 1402     | 2      | Conjunto santa monica          | 140,1128654 | 88,46658347 |
| 1402 | 1403     | 2      | Conjunto santa monica          | 317,2214996 | 1565,509494 |
| 1403 | 1404     | 2      | La raquelita                   | 322,4820587 | 139,3304367 |
| 1404 | 1405     | 2      | Mirador de la estancia         | 140,983238  | 66,80124749 |
| 1405 | 1406     | 2      | Mirador de la estancia         | 1099,402268 | 535,6696332 |
| 1406 | 1407     | 2      | Via japon frayles              | 86,0459592  | 64,88795247 |
| 1407 | 1408     | 2      | Via japon frayles              | 239,2992183 | 122,7061454 |
| 1408 | 1409     | 2      | Via japon frayles              | 1098,638129 | 1174,160199 |
| 1409 | 1410     | 2      | Terrazas de valher             | 109,0170187 | 360,0757619 |
| 1410 | 1411     | 2      | Terrazas de valher             | 103,5091645 | 112,9070921 |
| 1411 | 1412     | 11     | Santa teresita                 | 53,03910048 | 171,4850987 |
| 1412 | 1413     | 11     | 7 de agosto                    | 18,56340851 | 12,94776214 |
| 1413 | 1414     | 11     | Santa teresita                 | 123,0383804 | 80,16183993 |
| 1414 | 1415     | 11     | Santa teresita                 | 254,9188947 | 285,7421917 |
| 1415 | 1416     | 11     | Santa teresita                 | 87,10479795 | 30,94723079 |
| 1416 | 1417     | 1      | Av a ciudad natura             | 83,55326143 | 542,636244  |
| 1417 | 1418     | 1      | Variante turin la pola_papiros | 205,8230107 | 190,1387666 |
| 1418 | 1419     | 1      | Variante turin la pola_papiros | 295,9126972 | 450,6395673 |
| 1419 | 1420     | 1      | Variante turin la pola_papiros | 28,58661122 | 31,90905597 |
| 1420 | 1421     | 1      | Variante turin la pola_papiros | 41,03133858 | 50,08740412 |
| 1421 | 1422     | 1      | Variante turin la pola_papiros | 88,18277184 | 120,2975974 |
| 1422 | 1423     | 1      | Variante turin la pola_papiros | 103,5662031 | 151,7674032 |
| 1423 | 1424     | 3      | calle20- av simon bolivar      | 109,0757166 | 110,631562  |
| 1424 | 1425     | 3      | calle20- av simon bolivar      | 76,78881346 | 68,57647295 |
| 1425 | 1426     | 1      | Av a ciudad natura             | 124,4812634 | 113,9724313 |
| 1426 | 1427     | 1      | Av a ciudad natura             | 79,2579053  | 47,03888472 |
| 1427 | 1428     | 1      | Av a ciudad natura             | 113,490339  | 44,64010733 |
| 1428 | 1429     | 1      | Av a ciudad natura             | 61,57798135 | 89,67405459 |
| 1429 | 1430     | 1      | Av a ciudad natura             | 152,5711943 | 146,3298052 |
| 1430 | 1431     | 1      | Av a ciudad natura             | 30,66096736 | 20,8506057  |
| 1431 | 1432     | 1      | Av a ciudad natura             | 22,43719851 | 28,88741127 |
| 1432 | 1433     | 1      | Av a ciudad natura             | 14,79363424 | 12,56079687 |
| 1433 | 1434     | 1      | Av a ciudad natura             | 315,2189328 | 442,4197394 |
| 1434 | 1435     | 1      | Av a ciudad natura             | 534,5049725 | 623,2832849 |
| 1435 | 1436     | 1      | Av a ciudad natura             | 48,48381578 | 61,54683028 |
| 1436 | 1437     | 1      | Av a ciudad natura             | 498,8334352 | 613,6148473 |
| 1437 | 1438     | 1      | Av a ciudad natura             | 165,5120499 | 246,8105703 |
| 1438 | 1439     | 1      | Av a ciudad natura             | 14,12892347 | 12,454128   |
| 1439 | 1440     | 1      | Av a ciudad natura             | 12,64882826 | 9,833402556 |
| 1440 | 1441     | 2      | Cambulos                       | 160,6956238 | 124,9938826 |
| 1441 | 1442     | 2      | Cambulos                       | 62,05611278 | 166,9085994 |
| 1442 | 1443     | 2      | Cambulos                       | 62,07209145 | 16,1231359  |
| 1443 | 1444     | 2      | Cambulos                       | 178,6648799 | 167,3310873 |
| 1444 | 1445     | 2      | Cambulos                       | 119,2109913 | 117,8001836 |
| 1445 | 1446     | 2      | Cambulos                       | 90,5759289  | 73,61274971 |
| 1446 | 1447     | 2      | Cambulos                       | 20,95922589 | 11,71478091 |
| 1447 | 1448     | 2      | Cambulos                       | 14,98505541 | 9,397488268 |
| 1448 | 1449     | 2      | Cambulos                       | 54,6132492  | 37,50142559 |
| 1449 | 1450     | 2      | Cambulos                       | 85,10960159 | 60,65523261 |
| 1450 | 1451     | 2      | Cambulos                       | 62,99821524 | 41,15361431 |
| 1451 | 1452     | 2      | Cambulos                       | 40,70425349 | 27,17349585 |
| 1452 | 1453     | 2      | Cambulos                       | 98,33138619 | 76,09175088 |
| 1453 | 1454     | 2      | Cambulos                       | 52,16635051 | 43,46332324 |
| 1454 | 1455     | 2      | Cambulos                       | 24,03518011 | 15,41158294 |
| 1455 | 1456     | 2      | Cambulos                       | 18,90993834 | 13,74046943 |

| ITEM | OBJECTID | COMUNA | Barrio          | Shape_Leng  | AreaT       |
|------|----------|--------|-----------------|-------------|-------------|
| 1456 | 1457     | 2      | Cambulos        | 27,04608562 | 19,99608697 |
| 1457 | 1458     | 2      | Cambulos        | 52,1078494  | 47,91626842 |
| 1458 | 1459     | 2      | Cambulos        | 79,33102555 | 83,81348771 |
| 1459 | 1460     | 2      | Cambulos        | 23,33816705 | 20,71291034 |
| 1460 | 1461     | 2      | Cambulos        | 34,98631161 | 30,22312073 |
| 1461 | 1462     | 9      | Roca verde      | 440,0710229 | 2938,525386 |
| 1462 | 1463     | 9      | Plan III Zona 6 | 115,7287044 | 277,5447434 |
| 1463 | 1464     | 9      | Plan III Zona 6 | 61,28135049 | 123,9876981 |
| 1464 | 1465     | 9      | Plan III Zona 6 | 41,28762094 | 53,67978589 |
| 1465 | 1466     | 9      | Plan III Zona 6 | 36,56208078 | 36,92409818 |
| 1466 | 1467     | 9      | Plan III Zona 6 | 27,6891192  | 33,97254023 |
| 1467 | 1468     | 10     | El bosque       | 95,29667076 | 94,43797297 |
| 1468 | 1469     | 10     | El bosque       | 75,64897016 | 62,95785486 |
| 1469 | 1470     | 10     | El bosque       | 140,7631073 | 157,11589   |
| 1470 | 1471     | 10     | El bosque       | 109,0502862 | 189,409684  |
| 1471 | 1472     | 5      | Las violetas    | 29,18952678 | 33,70604572 |
| 1472 | 1473     | 5      | Las violetas    | 179,33897   | 212,7997932 |
| 1473 | 1474     | 5      | Las violetas    | 193,4169685 | 198,1897026 |
| 1474 | 1475     | 5      | La galactea     | 257,5807857 | 218,6794317 |
| 1475 | 1476     | 5      | La galactea     | 173,3263085 | 158,4657228 |
| 1476 | 1477     | 5      | La galactea     | 89,17007124 | 56,77702801 |
| 1477 | 1478     | 5      | La galactea     | 57,83627008 | 44,92984436 |
| 1478 | 1479     | 1      | Los Inquilinos  | 92,62270624 | 522,2863886 |
| 1479 | 1480     | 1      | Los Inquilinos  | 218,3577999 | 86,0851939  |
| 1480 | 1481     | 1      | Los Inquilinos  | 338,4562788 | 145,0208115 |
| 1481 | 1482     | 7      | Molvento        | 59,29127925 | 24,95500026 |
| 1482 | 1483     | 7      | Molvento        | 64,05326328 | 28,69034736 |
| 1483 | 1484     | 7      | Molvento        | 57,06019212 | 25,60274464 |
| 1484 | 1485     | 7      | Molvento        | 58,93410384 | 38,02533576 |
| 1485 | 1486     | 7      | Molvento        | 175,422994  | 61,09718024 |
| 1486 | 1487     | 7      | Molvento        | 396,2114079 | 131,3101611 |
| 1487 | 1488     | 7      | Molvento        | 208,4064709 | 84,36933603 |
| 1488 | 1489     | 7      | Molvento        | 222,5386982 | 51,04198799 |
| 1489 | 1490     | 7      | Molvento        | 55,71443583 | 18,50597826 |
| 1490 | 1491     | 7      | Molvento        | 84,40546679 | 32,70229639 |
| 1491 | 1492     | 7      | Molvento        | 190,1755439 | 330,7571789 |
| 1492 | 1493     | 7      | Molvento        | 69,19866193 | 370,136923  |
| 1493 | 1494     | 7      | Molvento        | 993,7845683 | 873,254614  |
| 1494 | 1495     | 7      | Molvento        | 54,50740915 | 25,35565817 |
| 1495 | 1496     | 7      | Molvento        | 230,1692976 | 54,00838024 |
| 1496 | 1497     | 7      | Molvento        | 94,18848043 | 25,9527574  |
| 1497 | 1498     | 7      | Molvento        | 49,10183663 | 15,23003712 |
| 1498 | 1499     | 7      | Molvento        | 57,69182081 | 19,37164592 |
| 1499 | 1500     | 7      | Molvento        | 24,45097758 | 5,83708706  |
| 1500 | 1501     | 7      | Molvento        | 188,1850655 | 64,54018953 |
| 1501 | 1502     | 7      | Molvento        | 306,0478125 | 116,0942022 |
| 1502 | 1503     | 7      | Molvento        | 140,6189718 | 50,72242313 |
| 1503 | 1504     | 7      | Molvento        | 138,4198876 | 37,44290733 |
| 1504 | 1505     | 7      | Molvento        | 369,9988053 | 492,290283  |
| 1505 | 1506     | 7      | Molvento        | 192,2497297 | 56,7072487  |
| 1506 | 1507     | 7      | Molvento        | 131,4074424 | 31,36566046 |
| 1507 | 1508     | 7      | Molvento        | 177,6542231 | 36,79920993 |
| 1508 | 1509     | 7      | Molvento        | 254,2771548 | 184,4548379 |
| 1509 | 1510     | 7      | Molvento        | 56,48364724 | 21,75657517 |
| 1510 | 1511     | 7      | Molvento        | 89,69053123 | 23,88429284 |
| 1511 | 1512     | 7      | Molvento        | 137,2383981 | 461,6014984 |
| 1512 | 1513     | 7      | Molvento        | 153,0258329 | 63,23933417 |
| 1513 | 1514     | 7      | Molvento        | 71,03670186 | 17,45270127 |
| 1514 | 1515     | 7      | Molvento        | 180,3212103 | 60,02628186 |
| 1515 | 1516     | 7      | Molvento        | 70,47415953 | 19,80912857 |
| 1516 | 1517     | 7      | Molvento        | 74,39731696 | 18,83982424 |
| 1517 | 1518     | 7      | Molvento        | 56,19413815 | 9,193558712 |
| 1518 | 1519     | 7      | Molvento        | 60,25531203 | 19,64551384 |
| 1519 | 1520     | 7      | Molvento        | 180,341934  | 49,22606561 |
| 1520 | 1521     | 7      | Molvento        | 180,2137967 | 49,71660092 |
| 1521 | 1522     | 7      | Molvento        | 51,10524275 | 12,41765924 |
| 1522 | 1523     | 7      | Molvento        | 57,00180034 | 11,47812148 |
| 1523 | 1524     | 7      | Molvento        | 55,72474108 | 13,54058224 |
| 1524 | 1525     | 7      | Molvento        | 56,19306012 | 18,80548753 |
| 1525 | 1526     | 7      | Molvento        | 60,21636275 | 23,46991246 |
| 1526 | 1527     | 7      | Molvento        | 243,6504058 | 713,258805  |
| 1527 | 1528     | 7      | Molvento        | 173,7509417 | 546,1957711 |
| 1528 | 1529     | 7      | Molvento        | 55,44866377 | 15,30873735 |
| 1529 | 1530     | 7      | Molvento        | 428,2188159 | 210,7426474 |
| 1530 | 1531     | 7      | Molvento        | 147,4049013 | 456,8222203 |
| 1531 | 1532     | 7      | Molvento        | 80,09058346 | 27,03841394 |
| 1532 | 1533     | 7      | Molvento        | 143,5528281 | 41,89698403 |
| 1533 | 1534     | 7      | Molvento        | 70,77102278 | 19,68916928 |
| 1534 | 1535     | 7      | Molvento        | 165,1630134 | 40,19531143 |
| 1535 | 1536     | 7      | Molvento        | 64,68919304 | 12,35834017 |
| 1536 | 1537     | 7      | Molvento        | 61,23830998 | 14,20316589 |
| 1537 | 1538     | 7      | Molvento        | 159,8122445 | 46,10635525 |
| 1538 | 1539     | 7      | Molvento        | 162,4970982 | 46,73992143 |
| 1539 | 1540     | 7      | Molvento        | 55,71443583 | 18,50597826 |
| 1540 | 1541     | 7      | Molvento        | 75,20262541 | 24,24084772 |
| 1541 | 1542     | 7      | Molvento        | 66,21837137 | 19,52848666 |
| 1542 | 1543     | 7      | Molvento        | 40,31380171 | 9,567433867 |
| 1543 | 1544     | 7      | Molvento        | 43,07860312 | 8,530878554 |
| 1544 | 1545     | 7      | Molvento        | 51,38943067 | 11,62063802 |
| 1545 | 1546     | 7      | Molvento        | 41,32336193 | 7,596435257 |
| 1546 | 1547     | 7      | Molvento        | 50,99042669 | 13,39599511 |

| ITEM | OBJECTID | COMUNA | Barrio                 | Shape_Leng  | AreaT       |
|------|----------|--------|------------------------|-------------|-------------|
| 1547 | 1548     | 7      | Molvento               | 52,13604614 | 17,09931035 |
| 1548 | 1549     | 7      | Molvento               | 64,41612731 | 17,48792397 |
| 1549 | 1550     | 7      | Molvento               | 132,8255379 | 413,8011785 |
| 1550 | 1551     | 7      | Molvento               | 993,7845683 | 873,254614  |
| 1551 | 1552     | 7      | Molvento               | 56,8908206  | 152,5674131 |
| 1552 | 1553     | 7      | Molvento               | 217,7607044 | 120,450091  |
| 1553 | 1554     | 7      | Molvento               | 72,4070732  | 23,24464962 |
| 1554 | 1555     | 7      | Molvento               | 65,19757789 | 20,42972045 |
| 1555 | 1556     | 7      | Molvento               | 217,9855995 | 79,33775753 |
| 1556 | 1557     | 7      | Molvento               | 72,14121766 | 26,31398662 |
| 1557 | 1558     | 7      | Molvento               | 48,59396739 | 11,52673563 |
| 1558 | 1559     | 7      | Molvento               | 154,9802956 | 29,00608398 |
| 1559 | 1560     | 7      | Molvento               | 163,6904275 | 37,01229645 |
| 1560 | 1561     | 7      | Molvento               | 371,6986712 | 70,19594092 |
| 1561 | 1562     | 7      | Molvento               | 320,7793769 | 1286,646972 |
| 1562 | 1563     | 7      | Molvento               | 169,3803133 | 110,9051167 |
| 1563 | 1564     | 7      | Molvento               | 213,3818377 | 135,613814  |
| 1564 | 1565     | 7      | Molvento               | 57,06019212 | 25,60274464 |
| 1565 | 1566     | 7      | Molvento               | 190,1755439 | 330,7571789 |
| 1566 | 1567     | 7      | Molvento               | 84,40546679 | 32,70229639 |
| 1567 | 1568     | 7      | Molvento               | 222,5386982 | 51,04198799 |
| 1568 | 1569     | 7      | Molvento               | 208,4064709 | 84,36933603 |
| 1569 | 1570     | 7      | Molvento               | 396,2114079 | 131,3101611 |
| 1570 | 1571     | 7      | Molvento               | 58,93410384 | 38,02533576 |
| 1571 | 1572     | 7      | Molvento               | 129,8062997 | 47,13882079 |
| 1572 | 1573     | 7      | Molvento               | 69,19866193 | 370,136923  |
| 1573 | 1574     | 7      | Molvento               | 371,6986712 | 70,19594092 |
| 1574 | 1575     | 2      | Mirador de la estancia | 380,9445562 | 108,6014089 |
| 1575 | 1576     | 2      | Mirador de la estancia | 202,1150833 | 60,58634184 |
| 1576 | 1577     | 2      | Mirador de la estancia | 191,5512849 | 408,5324096 |
| 1577 | 1578     | 2      | Mirador de la estancia | 152,7281945 | 55,0643153  |
| 1578 | 1579     | 2      | Mirador de la estancia | 289,0215353 | 91,01336463 |
| 1579 | 1580     | 2      | Mirador de la estancia | 252,7703542 | 121,2318192 |
| 1580 | 1581     | 2      | Mirador de la estancia | 58,15756957 | 20,80370596 |
| 1581 | 1582     | 2      | Mirador de la estancia | 23,81841665 | 27,47769997 |
| 1582 | 1583     | 2      | Mirador de la estancia | 14,76526602 | 13,51274837 |
| 1583 | 1584     | 2      | Mirador de la estancia | 82,10120408 | 40,78696132 |
| 1584 | 1585     | 2      | Mirador de la estancia | 133,0072151 | 59,32260249 |
| 1585 | 1586     | 2      | Mirador de la estancia | 187,0172399 | 88,5906859  |
| 1586 | 1587     | 2      | Mirador de la estancia | 258,5970649 | 558,1810831 |
| 1587 | 1588     | 2      | Mirador de la estancia | 135,6933846 | 52,02850765 |
| 1588 | 1589     | 2      | Mirador de la estancia | 183,8282194 | 81,90113979 |
| 1589 | 1590     | 2      | Mirador de la estancia | 182,5495315 | 380,6962132 |
| 1590 | 1591     | 2      | Mirador de la estancia | 227,0585879 | 409,5999897 |
| 1591 | 1592     | 2      | Mirador de la estancia | 232,7943404 | 441,3810595 |
| 1592 | 1593     | 2      | Mirador de la estancia | 226,7125112 | 477,0918303 |
| 1593 | 1594     | 2      | Mirador de la estancia | 187,1189229 | 296,8755239 |
| 1594 | 1595     | 2      | Mirador de la estancia | 192,6078842 | 364,918641  |
| 1595 | 1596     | 2      | Mirador de la estancia | 197,6460481 | 475,5080969 |
| 1596 | 1597     | 2      | Mirador de la estancia | 234,4824293 | 436,3693782 |
| 1597 | 1598     | 2      | Mirador de la estancia | 406,702405  | 118,107552  |
| 1598 | 1599     | 2      | Mirador de la estancia | 96,78442658 | 21,56857545 |
| 1599 | 1600     | 2      | montebonito            | 1259,368712 | 6512,960321 |
| 1600 | 1601     | 2      | montebonito            | 2,170519617 | 0,10629338  |
| 1601 | 1602     | 2      | montebonito            | 266,4304376 | 220,4812457 |
| 1602 | 1603     | 2      | montebonito            | 100,5336984 | 51,64663592 |
| 1603 | 1604     | 2      | montebonito            | 53,32554138 | 28,09015421 |
| 1604 | 1605     | 2      | montebonito            | 95,0198445  | 69,22932001 |
| 1605 | 1606     | 2      | montebonito            | 51,3327962  | 26,03905831 |
| 1606 | 1607     | 2      | montebonito            | 139,7243417 | 78,61053355 |
| 1607 | 1608     | 2      | montebonito            | 141,9126087 | 82,07702446 |
| 1608 | 1609     | 2      | montebonito            | 138,6818878 | 87,03534729 |
| 1609 | 1610     | 2      | montebonito            | 143,8567457 | 101,1840166 |
| 1610 | 1611     | 2      | montebonito            | 133,7885411 | 93,51412648 |
| 1611 | 1612     | 2      | montebonito            | 133,9813074 | 68,63611643 |
| 1612 | 1613     | 2      | montebonito            | 130,4242922 | 77,01895672 |
| 1613 | 1614     | 2      | montebonito            | 131,6600439 | 63,62099383 |
| 1614 | 1615     | 2      | montebonito            | 112,6819816 | 59,09348335 |
| 1615 | 1616     | 2      | montebonito            | 108,1326332 | 38,95657701 |
| 1616 | 1617     | 2      | montebonito            | 153,8745022 | 111,1792021 |
| 1617 | 1618     | 2      | montebonito            | 93,45774086 | 50,32272688 |
| 1618 | 1619     | 2      | montebonito            | 159,9323006 | 106,4200052 |
| 1619 | 1620     | 2      | montebonito            | 92,03934642 | 44,51623977 |
| 1620 | 1621     | 2      | montebonito            | 113,4554902 | 74,38054777 |
| 1621 | 1622     | 2      | montebonito            | 102,4073866 | 35,56344151 |
| 1622 | 1623     | 2      | montebonito            | 94,21210766 | 49,10784987 |
| 1623 | 1624     | 2      | montebonito            | 186,3752702 | 154,2128117 |
| 1624 | 1625     | 2      | montebonito            | 96,960421   | 58,50041043 |
| 1625 | 1626     | 2      | montebonito            | 204,8668079 | 183,7145185 |
| 1626 | 1627     | 2      | montebonito            | 129,5405018 | 66,67437451 |
| 1627 | 1628     | 2      | montebonito            | 135,7625866 | 81,14140473 |
| 1628 | 1629     | 2      | montebonito            | 96,60430209 | 52,95072925 |
| 1629 | 1630     | 2      | montebonito            | 248,4050638 | 168,55012   |
| 1630 | 1631     | 2      | montebonito            | 254,2756986 | 138,3889238 |
| 1631 | 1632     | 2      | montebonito            | 214,1252662 | 89,72614145 |
| 1632 | 1633     | 2      | montebonito            | 132,9342288 | 63,85545999 |
| 1633 | 1634     | 2      | montebonito            | 111,8449347 | 50,67533581 |
| 1634 | 1635     | 2      | montebonito            | 88,72100497 | 32,40896759 |
| 1635 | 1636     | 2      | montebonito            | 117,4552855 | 36,17057384 |
| 1636 | 1637     | 2      | montebonito            | 193,6532081 | 74,3777061  |
| 1637 | 1638     | 2      | montebonito            | 51,44692862 | 20,39760747 |

| ITEM | OBJECTID | COMUNA | Barrio      | Shape_Leng  | AreaT       |
|------|----------|--------|-------------|-------------|-------------|
| 1638 | 1639     | 2      | monteponito | 17,38832546 | 18,43464994 |
| 1639 | 1640     | 2      | monteponito | 127,6654001 | 54,22406381 |
| 1640 | 1641     | 2      | monteponito | 91,27824576 | 36,35248229 |
| 1641 | 1642     | 2      | monteponito | 52,0031172  | 29,39392346 |
| 1642 | 1643     | 2      | monteponito | 53,94617662 | 32,4500928  |
| 1643 | 1644     | 2      | monteponito | 40,83879475 | 26,5817338  |
| 1644 | 1645     | 2      | monteponito | 162,0007917 | 109,9585039 |
| 1645 | 1646     | 2      | monteponito | 49,35232662 | 20,77543099 |
| 1646 | 1647     | 2      | monteponito | 50,04826517 | 20,86929765 |
| 1647 | 1648     | 2      | monteponito | 53,75950423 | 18,84253681 |
| 1648 | 1649     | 2      | monteponito | 50,80300504 | 16,70867728 |
| 1649 | 1650     | 2      | monteponito | 24,2390671  | 7,49262127  |
| 1650 | 1651     | 2      | monteponito | 49,33161185 | 16,89188593 |
| 1651 | 1652     | 2      | monteponito | 55,29150751 | 16,82119873 |
| 1652 | 1653     | 2      | monteponito | 51,43377388 | 15,23608066 |
| 1653 | 1654     | 2      | monteponito | 52,53778674 | 17,34424497 |
| 1654 | 1655     | 2      | monteponito | 45,44001798 | 13,74775119 |
| 1655 | 1656     | 2      | monteponito | 127,2158729 | 84,72753266 |
| 1656 | 1657     | 2      | monteponito | 53,47466824 | 88,57687916 |
| 1657 | 1658     | 2      | monteponito | 69,82733911 | 134,6777443 |
| 1658 | 1659     | 2      | monteponito | 57,22914095 | 103,1936294 |
| 1659 | 1660     | 2      | monteponito | 57,57337186 | 105,822941  |
| 1660 | 1661     | 2      | monteponito | 51,45006017 | 83,57684843 |
| 1661 | 1662     | 2      | monteponito | 56,42189607 | 99,47494368 |
| 1662 | 1663     | 2      | monteponito | 273,9950797 | 638,1864595 |
| 1663 | 1664     | 2      | monteponito | 75,21410588 | 197,6413587 |
| 1664 | 1665     | 2      | monteponito | 420,7408334 | 383,1652829 |
| 1665 | 1666     | 2      | monteponito | 423,2074596 | 473,168317  |
| 1666 | 1667     | 2      | monteponito | 177,3481516 | 2276,625469 |
| 1667 | 1668     | 2      | monteponito | 54,25242797 | 98,01818116 |
| 1668 | 1669     | 2      | monteponito | 61,55776954 | 18,88480574 |
| 1669 | 1670     | 2      | Majestic    | 232,8264537 | 205,2942936 |
| 1670 | 1671     | 2      | Majestic    | 452,4072352 | 406,7847322 |
| 1671 | 1672     | 2      | Majestic    | 83,16216631 | 372,4594933 |
| 1672 | 1673     | 2      | Majestic    | 174,2959505 | 153,8633442 |
| 1673 | 1674     | 2      | Majestic    | 19,49695673 | 14,49043885 |
| 1674 | 1675     | 2      | Monteponito | 422,746777  | 991,1357781 |
| 1675 | 1676     | 2      | Monteponito | 126,4720308 | 57,64409087 |
| 1676 | 1677     | 2      | Monteponito | 53,78021859 | 35,84307183 |
| 1677 | 1678     | 2      | Monteponito | 95,04464523 | 29,20050183 |
| 1678 | 1679     | 2      | Monteponito | 104,2425813 | 47,35670388 |
| 1679 | 1680     | 2      | Monteponito | 55,45598819 | 37,47180084 |
| 1680 | 1681     | 2      | Monteponito | 86,43716355 | 25,30828058 |
| 1681 | 1682     | 2      | Monteponito | 95,29717561 | 32,97485728 |
| 1682 | 1683     | 2      | Monteponito | 55,57646415 | 33,43590427 |
| 1683 | 1684     | 2      | Monteponito | 83,98109542 | 25,88346546 |
| 1684 | 1685     | 2      | Monteponito | 97,93741572 | 39,69662151 |
| 1685 | 1686     | 2      | Monteponito | 55,90096189 | 37,76521685 |
| 1686 | 1687     | 2      | Monteponito | 94,5885704  | 28,24235767 |
| 1687 | 1688     | 2      | Monteponito | 101,8300651 | 36,54010314 |
| 1688 | 1689     | 2      | Monteponito | 65,67822444 | 41,65388279 |
| 1689 | 1690     | 2      | Monteponito | 422,746777  | 991,1357781 |
| 1690 | 1691     | 2      | Monteponito | 115,4336984 | 44,35013674 |
| 1691 | 1692     | 2      | Monteponito | 80,05339445 | 53,5316135  |
| 1692 | 1693     | 2      | Monteponito | 142,0577495 | 41,82086822 |
| 1693 | 1694     | 2      | Monteponito | 20,92271315 | 15,66655961 |
| 1694 | 1695     | 2      | Monteponito | 19,70667338 | 14,838686   |
| 1695 | 1696     | 2      | Monteponito | 19,03194213 | 14,32214745 |
| 1696 | 1697     | 2      | Monteponito | 23,2611624  | 19,5457087  |
| 1697 | 1698     | 2      | Monteponito | 18,82070564 | 13,86959235 |
| 1698 | 1699     | 2      | Monteponito | 481,7079099 | 2192,719337 |
| 1699 | 1700     | 2      | Monteponito | 128,603108  | 85,05721909 |
| 1700 | 1701     | 2      | Monteponito | 146,1308587 | 43,7127921  |
| 1701 | 1702     | 2      | Monteponito | 147,8332888 | 91,81182534 |
| 1702 | 1703     | 2      | Monteponito | 169,2711364 | 48,39827275 |
| 1703 | 1704     | 2      | Monteponito | 44,7720803  | 14,94263572 |
| 1704 | 1705     | 2      | Monteponito | 115,2991839 | 34,53178211 |
| 1705 | 1706     | 2      | Monteponito | 167,2967078 | 48,52128566 |
| 1706 | 1707     | 2      | Monteponito | 165,0095721 | 49,67519186 |
| 1707 | 1708     | 2      | Monteponito | 147,9748544 | 41,86836492 |
| 1708 | 1709     | 2      | Monteponito | 142,9326911 | 41,75346374 |
| 1709 | 1710     | 2      | Monteponito | 159,9646272 | 48,99349785 |
| 1710 | 1711     | 2      | Monteponito | 148,4388281 | 44,90488916 |
| 1711 | 1712     | 2      | Monteponito | 126,626441  | 37,26048946 |
| 1712 | 1713     | 2      | Monteponito | 19,81461488 | 14,77301269 |
| 1713 | 1714     | 2      | Monteponito | 101,1773442 | 50,3875409  |
| 1714 | 1715     | 2      | Monteponito | 59,92640481 | 38,58357835 |
| 1715 | 1716     | 2      | Monteponito | 160,8388556 | 98,19926978 |
| 1716 | 1717     | 2      | Monteponito | 49,48835636 | 29,88285873 |
| 1717 | 1718     | 2      | Monteponito | 388,7057479 | 327,245991  |
| 1718 | 1719     | 2      | Monteponito | 66,19720923 | 55,66589121 |
| 1719 | 1720     | 2      | Monteponito | 64,59573487 | 46,88886356 |
| 1720 | 1721     | 2      | Monteponito | 55,34377893 | 40,686272   |
| 1721 | 1722     | 2      | Monteponito | 44,23373405 | 33,18692195 |
| 1722 | 1723     | 2      | Monteponito | 54,11816878 | 34,40786169 |
| 1723 | 1724     | 2      | Monteponito | 661,6587612 | 1919,703712 |
| 1724 | 1725     | 2      | Monteponito | 61,81027395 | 236,9973536 |
| 1725 | 1726     | 2      | Monteponito | 155,7801342 | 81,02070158 |
| 1726 | 1727     | 2      | Monteponito | 152,3358424 | 83,80585224 |
| 1727 | 1728     | 2      | Monteponito | 154,0752916 | 89,31522609 |
| 1728 | 1729     | 2      | Monteponito | 71,95940179 | 142,2271129 |

| ITEM | OBJECTID | COMUNA | Barrio                 | Shape_Leng  | AreaT       |
|------|----------|--------|------------------------|-------------|-------------|
| 1729 | 1730     | 2      | Montebonito            | 599,2105817 | 1553,405463 |
| 1730 | 1731     | 2      | Montebonito            | 173,8503331 | 355,101012  |
| 1731 | 1732     | 2      | Montebonito            | 73,33483805 | 111,7290945 |
| 1732 | 1733     | 2      | Montebonito            | 64,25330505 | 167,8118516 |
| 1733 | 1734     | 2      | Montebonito            | 422,746777  | 991,1357781 |
| 1734 | 1735     | 2      | Montebonito            | 44,26179249 | 18,63159447 |
| 1735 | 1736     | 2      | Montebonito            | 46,03537918 | 18,85745727 |
| 1736 | 1737     | 2      | Montebonito            | 116,9063384 | 66,56419886 |
| 1737 | 1738     | 2      | Montebonito            | 86,58963428 | 38,81883741 |
| 1738 | 1739     | 2      | Montebonito            | 50,48391341 | 30,86822246 |
| 1739 | 1740     | 2      | Montebonito            | 55,79872736 | 28,35991791 |
| 1740 | 1741     | 2      | Montebonito            | 50,25719397 | 19,97054086 |
| 1741 | 1742     | 2      | Montebonito            | 155,5558366 | 76,94783655 |
| 1742 | 1743     | 2      | Montebonito            | 45,55259213 | 28,16944478 |
| 1743 | 1744     | 2      | Montebonito            | 45,46253079 | 20,70199887 |
| 1744 | 1745     | 2      | Montebonito            | 117,8943205 | 54,32317079 |
| 1745 | 1746     | 7      | Mollvento              | 106,7260287 | 149,8354374 |
| 1746 | 1747     | 7      | Mollvento              | 45,38069768 | 90,00652943 |
| 1747 | 1748     | 7      | Mollvento              | 67,46653933 | 177,3111659 |
| 1748 | 1749     | 7      | Mollvento              | 11,81228315 | 6,682590306 |
| 1749 | 1750     | 7      | Mollvento              | 16,88387965 | 5,361639894 |
| 1750 | 1751     | 7      | Mollvento              | 82,18090734 | 520,8369815 |
| 1751 | 1752     | 2      | Mirador de la estancia | 375,884669  | 448,7640774 |
| 1752 | 1753     | 2      | Mirador de la estancia | 40,92454948 | 97,01491287 |
| 1753 | 1754     | 2      | Mirador de la estancia | 101,5393062 | 246,6674305 |
| 1754 | 1755     | 2      | Mirador de la estancia | 203,9681251 | 511,2434482 |
| 1755 | 1756     | 2      | Mirador de la estancia | 233,4672514 | 575,1360694 |
| 1756 | 1757     | 2      | Mirador de la estancia | 187,2741809 | 459,9358625 |
| 1757 | 1758     | 2      | Mirador de la estancia | 43,76528364 | 83,8404866  |
| 1758 | 1759     | 2      | Mirador de la estancia | 145,1605768 | 341,9270581 |
| 1759 | 1760     | 2      | Mirador de la estancia | 143,8843415 | 323,9763936 |
| 1760 | 1761     | 2      | Mirador de la estancia | 142,0129681 | 321,6111033 |
| 1761 | 1762     | 2      | Mirador de la estancia | 140,8840699 | 327,0081591 |
| 1762 | 1763     | 2      | Mirador de la estancia | 37,40873889 | 21,5210772  |
| 1763 | 1764     | 2      | Mirador de la estancia | 74,09551444 | 140,1039934 |
| 1764 | 1765     | 2      | Mirador de la estancia | 153,5351458 | 766,3351964 |
| 1765 | 1766     | 2      | Mirador de la estancia | 18,19958567 | 21,03399432 |
| 1766 | 1767     | 2      | Mirador de la estancia | 14,09265542 | 11,79474629 |
| 1767 | 1768     | 2      | Mirador de la estancia | 78,86951105 | 64,17069053 |
| 1768 | 1769     | 2      | Mirador de la estancia | 10,32327336 | 5,130851621 |
| 1769 | 1770     | 2      | Mirador de la estancia | 47,0025188  | 17,96417216 |
| 1770 | 1771     | 2      | Mirador de la estancia | 15,34593264 | 13,37141616 |
| 1771 | 1772     | 2      | Mirador de la estancia | 17,93702961 | 4,95890517  |
| 1772 | 1773     | 2      | Mirador de la estancia | 13,71101309 | 3,254068271 |
| 1773 | 1774     | 2      | Mirador de la estancia | 130,1185349 | 29,42749861 |
| 1774 | 1775     | 2      | Mirador de la estancia | 187,1468352 | 50,78956517 |
| 1775 | 1776     | 2      | Mirador de la estancia | 12,48219628 | 3,698292728 |
| 1776 | 1777     | 2      | Mirador de la estancia | 137,9125127 | 42,06215022 |
| 1777 | 1778     | 2      | Mirador de la estancia | 46,59340478 | 9,086151183 |
| 1778 | 1779     | 2      | Mirador de la estancia | 18,93706972 | 5,528964394 |
| 1779 | 1780     | 2      | Mirador de la estancia | 340,8021494 | 184,9685579 |

## 7.6.2 Equipos corte de césped

Para llevar a cabo la operación de corte de Césped se cuenta con el equipo y maquinaria que se relaciona a continuación.

| Tipo de vehículo-<br>Equipos - Elementos | Cantidad |
|--|----------|
| Guadañas                                 | 11       |
| Sopladoras                               | 3        |
| Camión*                                  | 1        |

## 7.6.3 Personal y dotación

| Cargo                     | Cantidad | Descripción de la dotación      |
|---------------------------|----------|---------------------------------|
| Coordinador               | 1        | No                              |
| Jefe de Cuadrilla         | 1        | Gorra, Camisa, pantalón y botas |
| Operarios Corte de Césped | 22       | Gorra, Camisa, pantalón y botas |
| Conductor                 | 1        | Gorra, camisa, pantalón, botas  |

## 7.7. Poda de Árboles

Las actividades que conforman el servicio de poda de árboles son corte de ramas, follajes, recolección, presentación y transporte.

Estas actividades se realizarán sobre los árboles ubicados en separadores viales ubicados en vías de tránsito automotor, vías peatonales, gloriets, rotondas, orejas o asimilables, parques públicos sin restricción de acceso, definidos en las normas de ordenamiento territorial, que se encuentren dentro del perímetro urbano.

Clasificación de los individuos arbóreos:

|        |                   |
|--------|-------------------|
| Tipo 1 | hasta 5 metros    |
| Tipo 2 | 5,01 a 15 metros  |
| Tipo 3 | 15,01 a 20 metros |
| Tipo 4 | Mayor a 20 metros |

### 7.7.1. Consolidado para poda de árboles por prestador y tipo

De acuerdo a lo establecido en el Acuerdo de Barrido y Limpieza a continuación se relaciona la asignación por empresa prestadora del Servicio de aseo, así:

| EMPRESAS PRESTADORAS DE ASEO | Numero Suscriptores | % Suscriptores | TIPO DE ÁRBOL | Frecuencia Anual | Total Intervenciones | TIPOS  |        |        |        |
|------------------------------|---------------------|----------------|---------------|------------------|----------------------|--------|--------|--------|--------|
|                              |                     |                |               |                  |                      | TIPO 1 | TIPO 2 | TIPO 3 | TIPO 4 |
| SERVICIUDAD ESP              | 75.303              | 86,78          | Árbol         | 2                | 5.064                | 2.147  | 2.669  | 200    | 48     |
|                              |                     |                | Palma         | 6                | 3.094                | 1.314  | 1.731  | 47     | 2      |
| ACUASEO                      | 7.271               | 8,38           | Árbol         | 2                | 943                  | 711    | 221    | 7      | 4      |
|                              |                     |                | Palma         | 6                | 466                  | 294    | 171    | 1      | 0      |
| ASEO PLUS                    | 3.459               | 3,99           | Árbol         | 2                | 244                  | 163    | 91     | 0      | 0      |
|                              |                     |                | Palma         | 6                | 0                    | 0      | 0      | 0      | 0      |
| <b>TOTAL</b>                 |                     |                |               |                  | 9.813                | 4.629  | 4.883  | 255    | 54     |

### 7.7.2 Tipos de individuos

Los **9.813** árboles anteriormente clasificados según altura son los árboles que deberán ser intervenidos por los Prestadores del Servicio Público de Aseo, se clasificaron en dos tipos de individuos para establecer las frecuencias de poda, **Árboles** que incluye también *Arbustos*, *He/ó4caas rizomatosas* y *Suculentas* Arbóreas y Palmas que incluye además *Pseodupalmas*.

### 7.7.3. Frecuencia

De acuerdo con el PGRIS la frecuencia es de cada 6 meses (2 veces al año) para los árboles y cada 2 meses (6 veces al año) para palmas.

Se exceptuarán la poda de árboles ubicados en las zonas de seguridad definidas por el reglamento técnico de instalaciones eléctricas (RETIE).

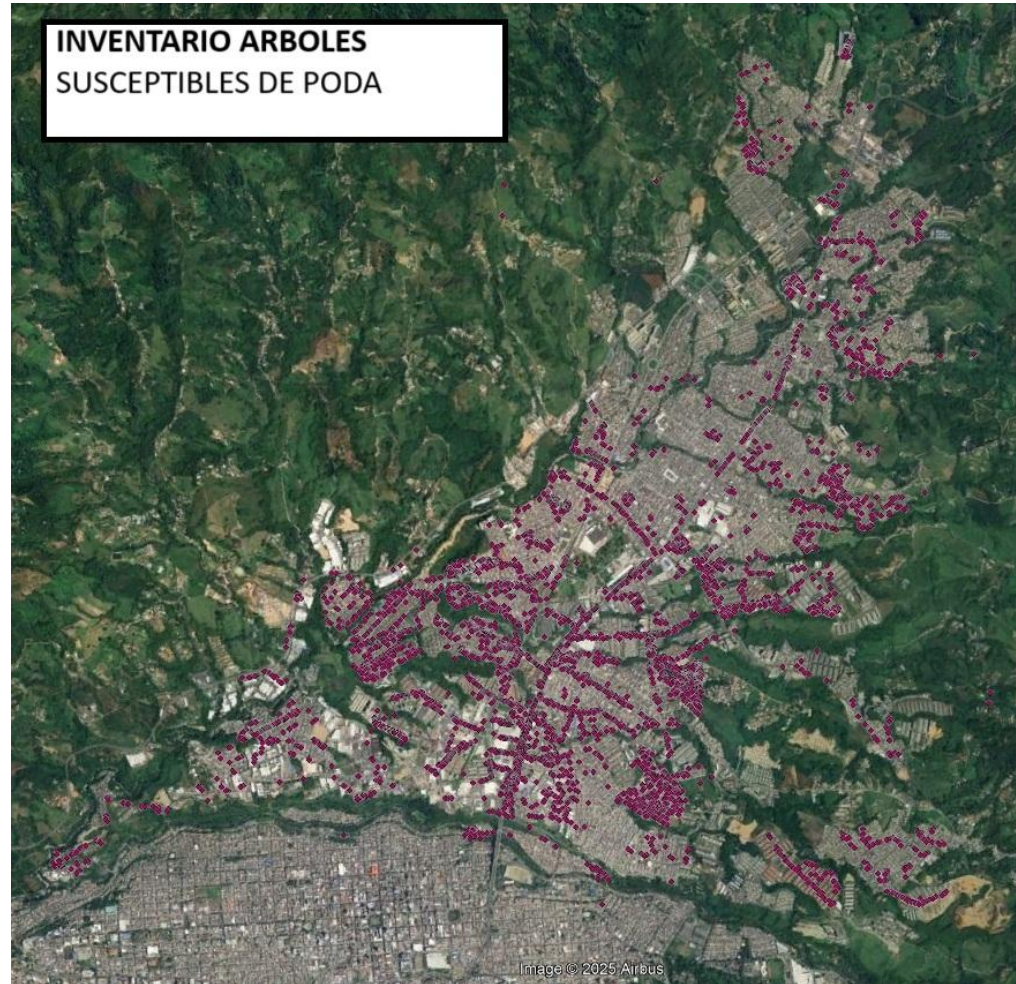
A Continuación, se presenta información de los polígonos a intervenir (Plano y Base coordenadas)



**SERVICIUDAD ESP**  
Empresa Industrial y Comercial del Estado  
NIT. 816.001.609-1  
NUIR 1-661700002



## PLANO UBICACIÓN ARBOLES ASIGNADOS A SERVICIUDAD



Inventario  
arboles

| NOM_COM            | COORDENADA                            | BARRIO              | HAB_CRECH | H_mts_1     | Rango_altu      |
|--------------------|---------------------------------------|---------------------|-----------|-------------|-----------------|
| Acacia amarilla    | 4.8406662054173305,-75.65910145640372 | Altos de la capilla | arbol     | 4           | 2,01-5,00 mts   |
| Acacia amarilla    | 4.840711366252236,-75.6591309670209   | Altos de la capilla | arbol     | 3,2         | 2,01-5,00 mts   |
| Acacia amarilla    | 4.840858027464967,-75.65910432789087  | Altos de la capilla | arbol     | 3,6         | 2,01-5,00 mts   |
| Acacia amarilla    | 4.840090141729802,-75.6592070683837   | Altos de la capilla | arbol     | 4,1         | 2,01-5,00 mts   |
| Palma areca        | 4.8418 - 75.6567                      | Altos de la capilla | Palma     | 5,8         | 5,01-15,00 mts  |
| Palma areca        | 4.8418 - 75.6571                      | Altos de la capilla | Palma     | 2,6         | 0,00-5,00 mts   |
| Palma areca        | 4.8421064 - 75.6574234                | Altos de la capilla | Palma     | 4           | 0,00-5,00       |
| Palma areca        | 4.84209195 - 75.6578233               | Altos de la capilla | Palma     | 4           | 0,00-5,00       |
| Palma areca        | 4.84208687 - 75.657679                | Altos de la capilla | Palma     | 4           | 0,00-5,00       |
| Palma quency       | 4.8426 - 75.6594                      | Altos de la capilla | Palma     | 9,8         | 5,01-15,00 mts  |
| Palma quency       | 4.8426 - 75.6594                      | Altos de la capilla | Palma     | 7,3         | 5,01-15,00 mts  |
| Palma quency       | 4.8426 - 75.6598                      | Altos de la capilla | Palma     | 8,4         | 5,01-15,00 mts  |
| Palma quency       | 4.8427 - 75.6579                      | Altos de la capilla | Palma     | 6,8         | 5,01-15,00 mts  |
| Palma areca        | 4.8427 - 75.6570                      | Altos de la capilla | Palma     | 3,3         | 0,00-5,00 mts   |
| Aguacate           | 4.84294568 - 75.65899065              | Altos de la capilla | arbol     | 6           | 5,01-15,00 mts  |
| Zapote             | 4.84287003 - 75.6592125               | Altos de la capilla | arbol     | 10          | 5,01-15,00 mts  |
| Guayabo dulce      | 4.84283886 - 75.65879621              | Altos de la capilla | arbol     | 10          | 5,01-15,00 mts  |
| Aguacate           | 4.84272763 - 75.65960271              | Altos de la capilla | arbol     | 10          | 5,01-15,00 mts  |
| Oliveo             | 4.8424948 - 75.6586402                | Altos de la capilla | arbol     | 10          | 5,01-15,00 mts  |
| Oliveo             | 4.84247622 - 75.65869241              | Altos de la capilla | arbol     | 10          | 5,01-15,00 mts  |
| Aguacate           | 4.84248351 - 75.65896880              | Altos de la capilla | arbol     | 6           | 5,01-15,00 mts  |
| Chochito rojo      | 4.84169271 - 75.65922407              | Altos de la capilla | arbol     | 10          | 5,01-15,00 mts  |
| Aguacate           | 4.84186044 - 75.651345                | Altos de la capilla | arbol     | 10          | 5,01-15,00 mts  |
| Aguacate           | 4.8422945 - 75.6593841                | Altos de la capilla | arbol     | 10          | 5,01-15,00 mts  |
| Chochito rojo      | 4.84186427 - 75.6593466               | Altos de la capilla | arbol     | 15          | 5,01-15,00 mts  |
| Casco de vaca      | 4.8419795 - 75.6593841                | Altos de la capilla | arbol     | 2           | 0,00-5,00       |
| Casco de vaca      | 4.8419795 - 75.6593841                | Altos de la capilla | arbol     | 3           | 0,00-5,00       |
| Casco de vaca      | 4.8419795 - 75.6593841                | Altos de la capilla | arbol     | 3           | 0,00-5,00       |
| Casco de vaca      | 4.84196428 - 75.65719236              | Altos de la capilla | arbol     | 4           | 0,00-5,00       |
| Casco de vaca      | 4.84196428 - 75.65719236              | Altos de la capilla | arbol     | 4           | 0,00-5,00       |
| Liberalito         | 4.84196657 - 75.65719236              | Altos de la capilla | arbol     | 5           | 0,00-5,00       |
| Limon              | 4.842042543 - 75.65967994             | Altos de la capilla | arbol     | 4           | 0,00-5,00       |
| Aguacate           | 4.8420476 - 75.65967844               | Altos de la capilla | arbol     | 6           | 0,00-5,00       |
| Casco de vaca      | 4.84204577 - 75.65968103              | Altos de la capilla | arbol     | 4           | 0,00-5,00       |
| Casco de vaca      | 4.84209685 - 75.65970332              | Altos de la capilla | arbol     | 4           | 0,00-5,00       |
| Casco de vaca      | 4.84208615 - 75.65969734              | Altos de la capilla | arbol     | 4           | 0,00-5,00       |
| Casco de vaca      | 4.84211016 - 75.65963763              | Altos de la capilla | arbol     | 4           | 0,00-5,00       |
| Casco de vaca      | 4.84216658 - 75.65928452              | Altos de la capilla | arbol     | 2           | 0,00-5,00       |
| Guamo santafereño  | 4.84211974 - 75.6591628               | Altos de la capilla | arbol     | 10          | 5,00 - 15,00    |
| Tulipan africano   | 4.84222773 - 75.65916822              | Altos de la capilla | arbol     | 5           | 0,00-5,00       |
| Aguacate           | 4.8418 - 75.6567                      | Altos de la capilla | arbol     | 8,2         | 5,01-15,00 mts  |
| Limon              | 4.8418 - 75.6567                      | Altos de la capilla | arbol     | 2,2         | 0,00-5,00 mts   |
| guayabo dulce      | 4.8426 - 75.6594                      | Altos de la capilla | arbol     | 4,7         | 0,00-5,00 mts   |
| limon mandarino    | 4.8426 - 75.6594                      | Altos de la capilla | arbol     | 3,8         | 0,00-5,00 mts   |
| Milionario careada | 4.8426 - 75.6598                      | Altos de la capilla | Arbusto   | 3,5         | 0,00-5,00 mts   |
| guayabo dulce      | 4.8427 - 75.6598                      | Altos de la capilla | arbol     | 6,1         | 5,01-15,00 mts  |
| Palma cubana       | 4.8430 - 75.6570                      | Altos de la capilla | Palma     | 1,5         | 0,00-5,00 mts   |
| Palma areca        | 4.8427 - 75.6570                      | Altos de la capilla | Palma     | 3,3         | 0,00-5,00 mts   |
| Aguacate           | 4.8419 - 75.6567                      | Altos de la capilla | arbol     | 6,1         | 5,01-15,00 mts  |
| Limon              | 4.8420 - 75.6569                      | Altos de la capilla | arbol     | 1,9         | 0,00-5,00 mts   |
| Mango              | 4.8418 - 75.6569                      | Altos de la capilla | arbol     | 2,1         | 0,00-5,00 mts   |
| Mamey              | 4.8418 - 75.6568                      | Altos de la capilla | arbol     | 1,9         | 0,00-5,00 mts   |
| Aguacate           | 4.8418 - 75.6571                      | Altos de la capilla | arbol     | 6,2         | 5,01-15,00 mts  |
| Croto              | 4.8421 - 75.6574                      | Altos de la capilla | arbol     | 2,3         | 0,00-5,00 mts   |
| Dracena            | 4.8421 - 75.6574                      | Altos de la capilla | arbol     | 4,2         | 0,00-5,00 mts   |
| Almendo            | 4.8423 - 75.6574                      | Altos de la capilla | arbol     | 2,3         | 0,00-5,00 mts   |
| Dracena            | 4.8421 - 75.6574                      | Altos de la capilla | arbol     | 2,7         | 0,00-5,00 mts   |
| guayabo dulce      | 4.8428 - 75.6580                      | Altos de la capilla | arbol     | 3,4         | 0,00-5,00 mts   |
| Palma zanonca      | 4.8418 - 75.6567                      | Altos de la capilla | Palma     | 16          | 15,01-25,00mts  |
| Palma quency       | 4.8417 - 75.6565                      | Altos de la capilla | Palma     | 10,4        | 5,01-15,00 mts  |
| Palma quency       | 4.8417 - 75.6565                      | Altos de la capilla | Palma     | 8,6         | 5,01-15,00 mts  |
| Palma areca        | 4.8421 - 75.6575                      | Altos de la capilla | Palma     | 1,9         | 0,00-5,00 mts   |
| Palma areca        | 4.8428 - 75.6580                      | Altos de la capilla | Palma     | 3,9         | 0,00-5,00 mts   |
| Dracena            | 4.8213 - 75.6806                      | Aurora              | arbol     | 3           | 0,00-5,00 mts   |
| Francoesina        | 4.8208 - 75.6807                      | Aurora              | arbol     | 3           | 0,00-5,00 mts   |
| Mango              | 4.8210N - 75.6793W                    | Aurora              | arbol     | 6,5         | 5,01-15,00 mts  |
| Araucaria          | 4.82248373166131,-75.67951876670122   | Aurora baja         | arbol     | 5,2         | 5,01-10,00 mts  |
| Mango              | 4.8224359396862,-75.67933038547030    | Aurora baja         | arbol     | 6,7         | 5,01-10,00 mts  |
| Acacia amarilla    | 4.822408198549505,-75.67929983130038  | Aurora baja         | arbol     | 8,4         | 5,01-10,00 mts  |
| Aguacate           | 4.821062857408654,-75.67879591137171  | Aurora baja         | arbol     | 6,6         | 5,01-10,00 mts  |
| Guanabano          | 4.821911073536108,-75.67875064909458  | Aurora baja         | arbol     | 7,5         | 5,01-10,00 mts  |
| Mango              | 4.821002721298246,-75.67875400185585  | Aurora baja         | arbol     | 5,7         | 5,01-10,00 mts  |
| Guanabano          | 4.82182153754073,-75.6787184625864    | Aurora baja         | arbol     | 8,3         | 5,01-10,00 mts  |
| Palma yuca         | 4.821715966232514,-75.67865509530843  | Aurora baja         | Arbusto   | 10,2        | 10,01-15,00 mts |
| Palma yuca         | 4.821739351504737,-75.6786309551729   | Aurora baja         | Arbusto   | 10,5        | 10,01-15,00 mts |
| Mango              | 4.82124322827132,-75.67851595580578   | Aurora baja         | arbol     | 0,86 - 8,60 | 5,01-10,00 mts  |
| Nispero japonés    | 4.8211774125993685,-75.67848848316338 | Aurora baja         | arbol     | 0,11-11     | 10,01-15,00 mts |
| Aguacate           | 4.821132104346,-75.6784787401957      | Aurora baja         | arbol     | 10,8        | 10,01-15,00 mts |
| Acerola            | 4.819945622087799,-75.67858032882214  | Aurora baja         | arbol     | 0,03 - 3,00 | 0,00-5,00 mts   |
| Mango              | 4.8221N - 75.6789W                    | Aurora baja         | arbol     | 5,2         | 5,01-15,00 mts  |
| Aguacate           | 4.8221N - 75.6789W                    | Aurora baja         | arbol     | 5,5         | 5,01-15,00 mts  |
| Mango              | 4.8221N - 75.6789W                    | Aurora baja         | arbol     | 4,4         | 0,00-5,00 mts   |
| Higuerón           | 4.8221N - 75.6789W                    | Aurora baja         | arbol     | 3,8         | 0,00-5,00 mts   |
| Almendo            | 48219 - 756789                        | Aurora baja         | arbol     | 2,2         | 0,00-5,00 mts   |
| Chochito           | 48224 - 756776                        | Aurora baja         | arbol     | 5,2         | 5,01-15,00 mts  |
| Guanabano          | 48225 - 756787                        | Aurora baja         | arbol     | 5,4         | 5,01-15,00 mts  |
| Acacia amarilla    | 4.8208 - 75.6807                      | Aurora Baja         | arbol     | 4           | 0,00-5,00 mts   |
| Aguacate           | 4.8207 - 75.6806                      | Aurora Baja         | arbol     | 8           | 5,01-15,00 mts  |
| Mandarino          | 4.8206 - 75.6806                      | Aurora Baja         | arbol     | 2           | 0,00-5,00 mts   |
| Palma Manila       | 4.8284N - 75.6730W                    | Av Milan            | Palma     | 3           | 0,00-5,00 mts   |
| Palma Manila       | 4.8281N - 75.6741W                    | Av Milan            | Palma     | 3           | 0,00-5,00 mts   |
| Palma Manila       | 48281N - 75.6740W                     | Av Milan            | Palma     | 3           | 0,00-5,00 mts   |
| Palma Manila       | 48279N - 75.6740W                     | Av Milan            | Palma     | 3           | 0,00-5,00 mts   |
| Palma Manila       | 48278N - 75.6741W                     | Av Milan            | Palma     | 3           | 0,00-5,00 mts   |
| Palma Manila       | 48280N - 75.6740W                     | Av Milan            | Palma     | 3           | 0,00-5,00 mts   |
| Palma Manila       | 48277N - 75.6742W                     | Av Milan            | Palma     | 3           | 0,00-5,00 mts   |
| Palma Manila       | 4.8284N - 75.6730W                    | Av Milan            | Palma     | 3           | 0,00-5,00 mts   |
| Palma Manila       | 4.8285N - 75.6740W                    | Av Milan            | Palma     | 3           | 0,00-5,00 mts   |
| Palma Manila       | 48278N - 75.6743                      | Av Milan            | Palma     | 3           | 0,00-5,00 mts   |
| Yarumo negro       | 4.831913073934544,-75.67180123481512  | Av. Los Molinos     | arbol     | 0,81 - 8,10 | 0,00-2,00 mts   |
| Benjamin           | 4.831933350840348,-75.67178059369326  | Av. Los Molinos     | arbol     | 0,78 - 7,80 | 0,00-2,00 mts   |
| Benjamin careado   | 4.841112596510409,-75.66412925720215  | Av. Simon Bolivar   | arbol     | 8,2         | 5,01-10,00 mts  |
| Benjamin careado   | 4.841050457618304,-75.66420368850231  | Av. Simon Bolivar   | arbol     | 7,1         | 5,01-10,00 mts  |
| Benjamin careado   | 4.841030908895585,-75.66421676427127  | Av. Simon Bolivar   | arbol     | 11          | 10,01-15,00 mts |
| Benjamin careado   | 4.840941213423422,-75.66433914005756  | Av. Simon Bolivar   | arbol     | 7,4         | 5,01-10,00 mts  |
| Benjamin careado   | 4.841053464339007,-75.66422616365957  | Av. Simon Bolivar   | arbol     | 6           | 5,01-10,00 mts  |
| Benjamin careado   | 4.841038096655326,-75.66423922777174  | Av. Simon Bolivar   | arbol     | 6           | 5,01-10,00 mts  |
| Benjamin careado   | 4.840995334402954,-75.66428425325203  | Av. Simon Bolivar   | arbol     | 9,5         | 5,01-10,00 mts  |
| Benjamin careado   | 4.840960590070915,-75.66429454833269  | Av. Simon Bolivar   | arbol     | 9,7         | 5,01-10,00 mts  |
| Benjamin careado   | 4.84098648320117,-75.66432530373636   | Av. Simon Bolivar   | arbol     | 8,1         | 5,01-10,00 mts  |
| Benjamin careado   | 4.840988652800775,-75.66430527716875  | Av. Simon Bolivar   | arbol     | 10,8        | 10,01-15,00 mts |
| Benjamin careado   | 4.840962928631783,-75.6643357872963   | Av. Simon Bolivar   | arbol     | 9,7         | 5,01-10,00 mts  |
| Palma cubana       | 4.840948802785686,-75.66434282809496  | Av. Simon Bolivar   | Palma     | 11          | 10,01-15,00 mts |



| NOM_COM          | COORDENADA                            | BARRIO            | HAB_CRECH | H. mts. 1 | Rango. ft/ft    |
|------------------|---------------------------------------|-------------------|-----------|-----------|-----------------|
| Palma cubana     | 4.840021502695224,-75.66434685140848  | Av. Simon Bolivar | Palma     | 10,9      | 10.01-15.00 mts |
| Benjamin careado | 4.840000789726016,-75.66443134099245  | Av. Simon Bolivar | Palma     | 7,8       | 5.01-10.00 mts  |
| Palma cubana     | 4.840894776283212,-75.66443502902985  | Av. Simon Bolivar | Palma     | 14,2      | 10.01-15.00 mts |
| Benjamin careado | 4.840890099161005,-75.664485246338844 | Av. Simon Bolivar | arbol     | 5,6       | 5.01-10.00 mts  |
| Benjamin careado | 4.8408680406701315,-75.66446098774704 | Av. Simon Bolivar | arbol     | 6         | 5.01-10.00 mts  |
| Palma cubana     | 4.840846334658783,-75.66449034959078  | Av. Simon Bolivar | Palma     | 9,2       | 5.01-10.00 mts  |
| Palma cubana     | 4.840801567913041,-75.664573486707024 | Av. Simon Bolivar | Palma     | 13,8      | 10.01-15.00 mts |
| Palma cubana     | 4.840763816849053,-75.66459495574236  | Av. Simon Bolivar | Palma     | 19        | 10.01-15.00 mts |
| Palma cubana     | 4.840724061301519,-75.66466648612409  | Av. Simon Bolivar | Palma     | 10,2      | 10.01-15.00 mts |
| Palma cubana     | 4.840666933577877,-75.66476728767157  | Av. Simon Bolivar | Palma     | 6,9       | 5.01-10.00 mts  |
| Benjamin careado | 4.840632969430616,-75.6647190079093   | Av. Simon Bolivar | arbol     | 2,7       | 2.01-5.00 mts   |
| Palma cubana     | 4.840691989597606,-75.66473510116839  | Av. Simon Bolivar | Palma     | 2,8       | 2.01-5.00 mts   |
| Benjamin careado | 4.8406782878253575,-75.66474281251543 | Av. Simon Bolivar | arbol     | 0.31-3.1  | 0.00-2.00 mts   |
| Benjamin careado | 4.84062149865972,-75.66473941589594   | Av. Simon Bolivar | arbol     | 4,8       | 2.01-5.00 mts   |
| Benjamin careado | 4.840576397818835,-75.66450305978775  | Av. Simon Bolivar | arbol     | 1,8       | 2.01-5.00 mts   |
| Palma cubana     | 4.840512922596175,-75.66453233124018  | Av. Simon Bolivar | Palma     | 15        | 10.01-15.00 mts |
| Palma cubana     | 4.8405061309691155,-75.66453033124018 | Av. Simon Bolivar | Palma     | 7,2       | 5.01-10.00 mts  |
| Palma cubana     | 4.840513590716861,-75.664942565487106 | Av. Simon Bolivar | Palma     | 9,3       | 5.01-10.00 mts  |
| Palma cubana     | 4.840481853083337,-75.66492030364525  | Av. Simon Bolivar | Palma     | 11,2      | 10.01-15.00 mts |
| Benjamin careado | 4.840443099760388,-75.66502176225185  | Av. Simon Bolivar | arbol     | 4,6       | 2.01-5.00 mts   |
| Benjamin careado | 4.8404380661431125,-75.66501338034868 | Av. Simon Bolivar | arbol     | 3,7       | 2.01-5.00 mts   |
| Benjamin careado | 4.840410893962755,-75.6650998373032   | Av. Simon Bolivar | arbol     | 3,2       | 2.01-5.00 mts   |
| Palma cubana     | 4.840355570695179,-75.6651146373739   | Av. Simon Bolivar | Palma     | 16        | 15.01-20.00 mts |
| Palma cubana     | 4.840338899040993,-75.66514246165754  | Av. Simon Bolivar | Palma     | 11        | 10.01-15.00 mts |
| Benjamin careado | 4.840298442040431,-75.66517800092697  | Av. Simon Bolivar | arbol     | 4,3       | 2.01-5.00 mts   |
| Benjamin careado | 4.8402954362183575,-75.66520046442747 | Av. Simon Bolivar | arbol     | 7,4       | 5.01-10.00 mts  |
| Palma cubana     | 4.840275725469396,-75.6652248043086   | Av. Simon Bolivar | Palma     | 7,6       | 5.01-10.00 mts  |
| Benjamin careado | 4.840267707538209,-75.66522594541311  | Av. Simon Bolivar | arbol     | 5,7       | 5.01-10.00 mts  |
| Palma cubana     | 4.840246954548964,-75.66525276750326  | Av. Simon Bolivar | Palma     | 14        | 10.01-15.00 mts |
| Benjamin careado | 4.840269377940541,-75.6652426903248   | Av. Simon Bolivar | arbol     | 3,9       | 2.01-5.00 mts   |
| Pino patula      | 4.840305124549428,-75.66534228622513  | Av. Simon Bolivar | arbol     | 9,4       | 5.01-10.00 mts  |
| Palma cubana     | 4.840167817471345,-75.66532216968152  | Av. Simon Bolivar | Palma     | 14        | 10.01-15.00 mts |
| Benjamin careado | 4.840145099995894,-75.66535402089357  | Av. Simon Bolivar | arbol     | 4,5       | 2.01-5.00 mts   |
| Benjamin careado | 4.840111023751286,-75.66541504114868  | Av. Simon Bolivar | arbol     | 2,9       | 2.01-5.00 mts   |
| Palma cubana     | 4.840108351136937,-75.66542442888021  | Av. Simon Bolivar | Palma     | 9,7       | 5.01-10.00 mts  |
| Benjamin careado | 4.83997839379237,-75.6654512828688    | Av. Simon Bolivar | arbol     | 4         | 2.01-5.00 mts   |
| Benjamin careado | 4.84008496549837,-75.66543515771627   | Av. Simon Bolivar | arbol     | 5,6       | 5.01-10.00 mts  |
| Benjamin careado | 4.840051891224231,-75.6654996814966   | Av. Simon Bolivar | arbol     | 2,7       | 2.01-5.00 mts   |
| Palma cubana     | 4.840025833237239,-75.66550590097904  | Av. Simon Bolivar | Palma     | 8,8       | 5.01-10.00 mts  |
| Benjamin careado | 4.840019485706071,-75.66549953073263  | Av. Simon Bolivar | arbol     | 2,6       | 2.01-5.00 mts   |
| Palma cubana     | 4.8399870798881715,-75.6655478104049  | Av. Simon Bolivar | Palma     | 11,5      | 10.01-15.00 mts |
| Benjamin careado | 4.839988313743025,-75.66556189209221  | Av. Simon Bolivar | arbol     | 4,6       | 2.01-5.00 mts   |
| Benjamin careado | 4.840003449837607,-75.66551562309672  | Av. Simon Bolivar | arbol     | 5,3       | 5.01-10.00 mts  |
| Benjamin careado | 4.839961021600473,-75.6655739620328   | Av. Simon Bolivar | arbol     | 2,4       | 2.01-5.00 mts   |
| Benjamin careado | 4.839967369132175,-75.6655716150999   | Av. Simon Bolivar | arbol     | 3,4       | 2.01-5.00 mts   |
| Benjamin careado | 4.839932958827981,-75.66559374332428  | Av. Simon Bolivar | arbol     | 2,8       | 2.01-5.00 mts   |
| Benjamin careado | 4.8398932032316315,-75.66564336419106 | Av. Simon Bolivar | arbol     | 2,7       | 2.01-5.00 mts   |
| Benjamin careado | 4.839847782651517,-75.665696767802359 | Av. Simon Bolivar | arbol     | 5         | 2.01-5.00 mts   |
| Benjamin careado | 4.839817701000212,-75.66573958843648  | Av. Simon Bolivar | arbol     | 4,9       | 2.01-5.00 mts   |
| Benjamin careado | 4.839835073195798,-75.6657513231039   | Av. Simon Bolivar | arbol     | 4,6       | 2.01-5.00 mts   |
| Benjamin careado | 4.839812395709176,-75.66574361175299  | Av. Simon Bolivar | arbol     | 3,9       | 2.01-5.00 mts   |
| Palma cubana     | 4.83980403891841,-75.66578540470123   | Av. Simon Bolivar | Palma     | 13,4      | 10.01-15.00 mts |
| Palma cubana     | 4.839718144947656,-75.66584352403879  | Av. Simon Bolivar | Palma     | 13,8      | 10.01-15.00 mts |
| Benjamin careado | 4.839721485755031,-75.66581871360542  | Av. Simon Bolivar | arbol     | 4,3       | 2.01-5.00 mts   |
| Benjamin careado | 4.839723824320174,-75.6658411771059   | Av. Simon Bolivar | arbol     | 0.31-3.1  | 0.00-2.00 mts   |
| Palma cubana     | 4.83957983550807,-75.66601250320673   | Av. Simon Bolivar | Palma     | 13,6      | 10.01-15.00 mts |
| Benjamin careado | 4.839481281863001,-75.66600955168619  | Av. Simon Bolivar | arbol     | 8,4       | 5.01-10.00 mts  |
| Palma cubana     | 4.8393910798283,-75.66619757922876    | Av. Simon Bolivar | Palma     | 11,8      | 10.01-15.00 mts |
| Palma cubana     | 4.839354330026379,-75.6662968029356   | Av. Simon Bolivar | Palma     | 11        | 10.01-15.00 mts |
| Palma cubana     | 4.83874463297744,-75.66689368988812   | Av. Simon Bolivar | Palma     | 11,2      | 10.01-15.00 mts |
| Palma cubana     | 4.838718574641894,-75.6669157370025   | Av. Simon Bolivar | Palma     | 10,2      | 10.01-15.00 mts |
| Palma cubana     | 4.838706547717458,-75.66694396501102  | Av. Simon Bolivar | Palma     | 11        | 10.01-15.00 mts |
| Benjamin careado | 4.83862703637834,-75.66696971654892   | Av. Simon Bolivar | arbol     | 7,2       | 5.01-10.00 mts  |
| Benjamin careado | 4.838685834680454,-75.66699787974358  | Av. Simon Bolivar | arbol     | 4,6       | 2.01-5.00 mts   |
| Palma cubana     | 4.838507789352149,-75.6672158022604   | Av. Simon Bolivar | Palma     | 9,9       | 5.01-10.00 mts  |
| Palma cubana     | 4.838433603291649,-75.66726677119732  | Av. Simon Bolivar | Palma     | 9,6       | 5.01-10.00 mts  |
| Benjamin careado | 4.83825386504531,-75.66751688718796   | Av. Simon Bolivar | arbol     | 6,2       | 5.01-10.00 mts  |
| Benjamin careado | 4.838235827090584,-75.66749911755323  | Av. Simon Bolivar | arbol     | 6,4       | 5.01-10.00 mts  |
| Palma cubana     | 4.838238165660866,-75.6675178031634   | Av. Simon Bolivar | Palma     | 10,7      | 10.01-15.00 mts |
| Benjamin careado | 4.838202084861315,-75.66754572093487  | Av. Simon Bolivar | arbol     | 6,8       | 5.01-10.00 mts  |
| Benjamin         | 4.838127584668709,-75.66762115806341  | Av. Simon Bolivar | arbol     | 7,5       | 5.01-10.00 mts  |
| Palma cubana     | 4.838059796133247,-75.66771537065006  | Av. Simon Bolivar | Palma     | 12,6      | 10.01-15.00 mts |
| Benjamin careado | 4.838016669611002,-75.66774465624571  | Av. Simon Bolivar | Palma     | 8,4       | 5.01-10.00 mts  |
| Palma cubana     | 4.837952191863536,-75.66783171147107  | Av. Simon Bolivar | Palma     | 10,8      | 10.01-15.00 mts |
| Palma cubana     | 4.837864662478176,-75.6679430231452   | Av. Simon Bolivar | Palma     | 4,8       | 2.01-5.00 mts   |
| Benjamin careado | 4.837847290230019,-75.66791988900245  | Av. Simon Bolivar | arbol     | 7,1       | 5.01-10.00 mts  |
| Palma cubana     | 4.837849042678432,-75.6679755440295   | Av. Simon Bolivar | Palma     | 11,6      | 10.01-15.00 mts |
| Palma cubana     | 4.837747733887639,-75.66806841641665  | Av. Simon Bolivar | Palma     | 14,5      | 10.01-15.00 mts |
| Benjamin careado | 4.8377156620426875,-75.66809624433517 | Av. Simon Bolivar | Palma     | 7,5       | 5.01-10.00 mts  |
| Palma cubana     | 4.837689937740273,-75.66813245415688  | Av. Simon Bolivar | Palma     | 10,8      | 10.01-15.00 mts |
| Palma Alejandra  | 4.831011610862746,-75.67709974044502  | Av. Simon Bolivar | Palma     | 8         | 5.01-10.00 mts  |
| Palma Alejandra  | 4.830958825425568,-75.67715741893974  | Av. Simon Bolivar | Palma     | 2,6       | 2.01-5.00 mts   |
| Palma Alejandra  | 4.830953145979554,-75.67719396203756  | Av. Simon Bolivar | Palma     | 8,2       | 5.01-10.00 mts  |
| Palma Alejandra  | 4.830937443981497,-75.67722782402638  | Av. Simon Bolivar | Palma     | 6         | 5.01-10.00 mts  |
| Palma Alejandra  | 4.830871629219732,-75.67732639610769  | Av. Simon Bolivar | Palma     | 6,5       | 5.01-10.00 mts  |
| Palma Alejandra  | 4.830826322402895,-75.67741122096777  | Av. Simon Bolivar | Palma     | 6         | 5.01-10.00 mts  |
| Palma Alejandra  | 4.83085024772901,-75.67742329090835   | Av. Simon Bolivar | Palma     | 6,2       | 5.01-10.00 mts  |
| Palma Alejandra  | 4.830804144025901,-75.6774735823737   | Av. Simon Bolivar | Palma     | 6,5       | 5.01-10.00 mts  |
| Palma Alejandra  | 4.830743340628686,-75.67760936915874  | Av. Simon Bolivar | Palma     | 6         | 5.01-10.00 mts  |
| Palma Alejandra  | 4.830737661080853,-75.67760735750198  | Av. Simon Bolivar | Palma     | 5         | 2.01-5.00 mts   |
| Palma Alejandra  | 4.8307166137149835,-75.67766133695841 | Av. Simon Bolivar | Palma     | 4         | 2.01-5.00 mts   |
| Palma quency     | 4.830721290097455,-75.67764356732368  | Av. Simon Bolivar | Palma     | 5,5       | 5.01-10.00 mts  |
| Palma Alejandra  | 4.830687548303899,-75.67770291119814  | Av. Simon Bolivar | Palma     | 6,4       | 5.01-10.00 mts  |
| Palma Alejandra  | 4.8306641623400495,-75.67774448453787 | Av. Simon Bolivar | Palma     | 2,8       | 2.01-5.00 mts   |
| Palma quency     | 4.830585986397906,-75.67787400785122  | Av. Simon Bolivar | Palma     | 5,8       | 5.01-10.00 mts  |
| Palma quency     | 4.8305315305012595,-75.67798487842083 | Av. Simon Bolivar | Palma     | 5,3       | 5.01-10.00 mts  |
| Palma Alejandra  | 4.830534537268665,-75.67797247320414  | Av. Simon Bolivar | Palma     | 6         | 5.01-10.00 mts  |
| Palma Alejandra  | 4.830508144532028,-75.67802377045155  | Av. Simon Bolivar | Palma     | 6,2       | 5.01-10.00 mts  |
| Palma Alejandra  | 4.830470058080896,-75.67805159837008  | Av. Simon Bolivar | Palma     | 8         | 5.01-10.00 mts  |
| Palma quency     | 4.830489724723698,-75.67807272079607  | Av. Simon Bolivar | Palma     | 7,2       | 5.01-10.00 mts  |
| Palma quency     | 4.83035279485883,-75.67822795361282   | Av. Simon Bolivar | Palma     | 7         | 5.01-10.00 mts  |
| Palma quency     | 4.8303217249199,-75.67827221006151    | Av. Simon Bolivar | Palma     | 7,8       | 5.01-10.00 mts  |
| Palma quency     | 4.83029293577283,-75.67832686070223   | Av. Simon Bolivar | Palma     | 8         | 5.01-10.00 mts  |
| Palma quency     | 4.830266934916632,-75.6783453002572   | Av. Simon Bolivar | Palma     | 6,2       | 5.01-10.00 mts  |
| Palma quency     | 4.830216822104883,-75.6783650269236   | Av. Simon Bolivar | Palma     | 0.06-6    | 0.00-2.00 mts   |
| Palma quency     | 4.830145327820374,-75.67848477512598  | Av. Simon Bolivar | Palma     | 8,7       | 5.01-10.00 mts  |
| Palma quency     | 4.830783430747237,-75.6780707035573   | Av. Simon Bolivar | Palma     | 10,4      | 10.01-15.00 mts |
| Palma zancoña    | 4.850489779855037,-75.65873835235834  | Av. Simon Bolivar | Palma     | 0.61-6.1  | 0.00-2.00 mts   |
| Palma zancoña    | 4.850382920230237,-75.65880540758371  | Av. Simon Bolivar | Palma     | 7         | 5.01-10.00 mts  |
| Palma zancoña    | 4.850240604075357,-75.65887313336134  | Av. Simon Bolivar | Palma     | 6,8       | 5.01-10.00 mts  |
| Palma cubana     | 4.848814100024484,-75.65957486629486  | Av. Simon Bolivar | Palma     | 5,6       | 5.01-10.00 mts  |
| Palma cubana     | 4.848783320433643,-75.65959230066346  | Av. Simon Bolivar | Palma     | 4,8       | 2.01-5.00 mts   |
| Palma cubana     | 4.848458308732029,-75.65973345190287  | Av. Simon Bolivar | Palma     | 9,2       | 5.01-10.00 mts  |



| NOM. COM          | COORDENADA               | BARRIO                               | HAB. CRECH | H. mts. 1    | Rango. altu     |
|-------------------|--------------------------|--------------------------------------|------------|--------------|-----------------|
| Palma cubana      | 4 848367439093665        | Av. Simon Bolivar                    | Palma      | 10           | 5.01-10.00 mts  |
| Palma cubana      | 4 85736806803874         | Av. Simon Bolivar                    | Palma      | 7,8          | 5.01-10.00 mts  |
| Palma cubana      | 4 85736806803478         | Av. Simon Bolivar                    | Palma      | 6,9          | 5.01-10.00 mts  |
| Benjamin careado  | 4 847494407575145        | Av. Simon Bolivar                    | arbol      | 2,6          | 2.01-5.00 mts   |
| Benjamin careado  | 4 84749678919291         | Av. Simon Bolivar                    | arbol      | 2,4          | 2.01-5.00 mts   |
| Benjamin careado  | 4 84738057734482         | Av. Simon Bolivar                    | arbol      | 4,1          | 2.01-5.00 mts   |
| Palma roblini     | 4 8230N - 75.6835W       | Av. Simon Bolivar                    | Palma      | 2,5          | 0.00-5.00 mts   |
| Palma manila      | 4 8228N - 75.6835W       | Av. Simon Bolivar                    | Palma      | 3,2          | 0.00-5.00 mts   |
| Palma areca       | 4 8285373 - 75.6742777   | Avenida Milan                        | Palma      | 3,8 - 5,30   | 5.01-15.00 mts  |
| Palma areca       | 4 8285 - 75.6742         | Avenida Milan                        | Palma      | 1,8          | 0.00-5.00 mts   |
| Palma areca       | 4 8284 - 75.6742         | Avenida Milan                        | Palma      | 2,7          | 0.00-5.00 mts   |
| Palma areca       | 4 8283 - 75.6743         | Avenida Milan                        | Palma      | 3,1          | 0.00-5.00 mts   |
| Palma areca       | 4 8284 - 75.6742         | Avenida Milan                        | Palma      | 2,6          | 0.00-5.00 mts   |
| Calisterno        | 4 8232N - 75.6837W       | Avenida Simon Bolivar                | arbol      | 3,9          | 0.00-5.00 mts   |
| Acacia amarilla   | 4 8233N - 75.6836W       | Avenida Simon Bolivar                | arbol      | 1,4          | 0.00-5.00 mts   |
| Acacia amarilla   | 4 8234N - 75.6836W       | Avenida Simon Bolivar                | arbol      | 3,2          | 0.00-5.00 mts   |
| Acacia amarilla   | 4 8231N - 75.6836W       | Avenida Simon Bolivar                | arbol      | 4,8          | 0.00-5.00 mts   |
| Palma manila      | 4 8233653 - 75.68325873  | Avenida Simon Bolivar                | Palma      | 2            | 0.00-5.00 mts   |
| Palma manila      | 4 82336559 - 75.68325873 | Avenida Simon Bolivar                | Palma      | 2            | 0.00-5.00 mts   |
| Palma manila      | 4 82336559 - 75.68325873 | Avenida Simon Bolivar                | Palma      | 2            | 0.00-5.00 mts   |
| Palma manila      | 4 82336736 - 75.68325873 | Avenida Simon Bolivar                | Palma      | 2            | 0.00-5.00 mts   |
| Palma manila      | 4 82335189 - 75.68325873 | Avenida Simon Bolivar                | Palma      | 2            | 0.00-5.00 mts   |
| Palma manila      | 4 82333761 - 75.68323842 | Avenida Simon Bolivar                | Palma      | 2            | 0.00-5.00 mts   |
| Palma manila      | 4 82331763 - 75.68321002 | Avenida Simon Bolivar                | Palma      | 2            | 0.00-5.00 mts   |
| Palma manila      | 4 82330687 - 75.68317689 | Avenida Simon Bolivar                | Palma      | 2            | 0.00-5.00 mts   |
| Palma areca       | 4 83336 - 75.6714        | Avenida Simon Bolivar                | Palma      | 2,2          | 0.00-5.00 mts   |
| Palma roblini     | 48230 - 75.68835         | Avenida Simon Bolivar                | Palma      | 2,5          | 0.00-5.00 mts   |
| Palma roblini     | 48228 - 75.68835         | Avenida Simon Bolivar                | Palma      | 3,2          | 0.00-5.00 mts   |
| Casco de vaca     | 48481 - 75.68830         | Avenida Simon Bolivar - la mariana   | arbol      | 12,4         | 5.01-15.00 mts  |
| Saman             | 48476 - 75.68830         | Avenida Simon Bolivar - la mariana   | arbol      | 9,3          | 5.01-15.00 mts  |
| Saman             | 4 8377 - 75.68830        | Avenida Simon Bolivar - los naranjos | arbol      | 12,5         | 5.01-15.00 mts  |
| Palma manila      | 4 83127687432653         | Balalaia                             | Palma      | 3,2          | 2.01-5.00 mts   |
| Palma areca       | 4 831407501510481        | Balalaia                             | Palma      | 4,3          | 2.01-5.00 mts   |
| Mango             | 4 831380795013878        | Balalaia                             | arbol      | 9,3          | 5.01-10.00 mts  |
| Aguate            | 4 831408503764889        | Balalaia                             | arbol      | 11,2         | 10.01-15.00 mts |
| Pino libro        | 4 83140115389854         | Balalaia                             | arbol      | 0,51-1,1     | 0.00-2.00 mts   |
| Mango             | 4 831399817559179        | Balalaia                             | arbol      | 7,8          | 5.01-10.00 mts  |
| Cacao de monte    | 4 831393135862321        | Balalaia                             | arbol      | 8,6          | 5.01-10.00 mts  |
| Almendro          | 4 831402196153074        | Balalaia                             | arbol      | 3,7          | 2.01-5.00 mts   |
| Fycus lira        | 4 831399483474339        | Balalaia                             | arbol      | 14           | 10.01-15.00 mts |
| Guayabo dulce     | 4 831411844613355        | Balalaia                             | arbol      | 5,8          | 5.01-10.00 mts  |
| Guayabo dulce     | 4 831405497001452        | Balalaia                             | arbol      | 6,3          | 5.01-10.00 mts  |
| Cipres            | 4 831407835595321        | Balalaia                             | arbol      | 9,9          | 5.01-10.00 mts  |
| Cedro japonés     | 4 831392801777493        | Balalaia                             | arbol      | 8,1          | 5.01-10.00 mts  |
| Araucaria         | 4 8312852264490146       | Balalaia                             | arbol      | 12           | 10.01-15.00 mts |
| Palma areca       | 4 831194355350811        | Balalaia                             | Palma      | 10,3         | 10.01-15.00 mts |
| Palma areca       | 4 830835882112947        | Balalaia                             | Palma      | 7,7          | 5.01-10.00 mts  |
| Limon mandarina   | 4 830821182367542        | Balalaia                             | arbol      | 4,8          | 2.01-5.00 mts   |
| Palma areca       | 4 830554582384429        | Balalaia                             | Palma      | 8            | 5.01-10.00 mts  |
| Palma areca       | 4 830430636742531        | Balalaia                             | Palma      | 8,9          | 5.01-10.00 mts  |
| Palma areca       | 4 830293661748045        | Balalaia                             | Palma      | 6,5          | 5.01-10.00 mts  |
| Palma areca       | 4 830354495285602        | Balalaia                             | Palma      | 8,5          | 5.01-10.00 mts  |
| Palma areca       | 4 830391548759125        | Balalaia                             | Palma      | 9            | 5.01-10.00 mts  |
| Palma areca       | 4 830617059324711        | Balalaia                             | Palma      | 8            | 5.01-10.00 mts  |
| Palma areca       | 4 830749354051614        | Balalaia                             | Palma      | 6,7          | 5.01-10.00 mts  |
| Palma areca       | 4 830732315718153        | Balalaia                             | Palma      | 6,5          | 5.01-10.00 mts  |
| Palma areca       | 4 830847909177123        | Balalaia                             | Palma      | 5,6          | 5.01-10.00 mts  |
| Palma areca       | 4 830004703643963        | Balalaia                             | Palma      | 5            | 2.01-5.00 mts   |
| Palma areca       | 4 830797482323185        | Balalaia                             | Palma      | 5,6          | 5.01-10.00 mts  |
| Palma areca       | 4 8308809836024965       | Balalaia                             | Palma      | 5,8          | 5.01-10.00 mts  |
| Palma areca       | 4 831016996223293        | Balalaia                             | Palma      | 6            | 5.01-10.00 mts  |
| Palma areca       | 4 831073416590508        | Balalaia                             | Palma      | 4,9          | 2.01-5.00 mts   |
| Palma areca       | 4 831106825090274        | Balalaia                             | Palma      | 4,7          | 2.01-5.00 mts   |
| Palma areca       | 4 831150924306922        | Balalaia                             | Palma      | 4,6          | 2.01-5.00 mts   |
| Palma areca       | 4 8312655154397826       | Balalaia                             | Palma      | 4,7          | 2.01-5.00 mts   |
| Palma areca       | 4 831333000567673        | Balalaia                             | Palma      | 3,9          | 2.01-5.00 mts   |
| Palma areca       | 4 8313096146461          | Balalaia                             | Palma      | 5,9          | 5.01-10.00 mts  |
| Palma areca       | 4 832161196484287        | Balalaia                             | Palma      | 7,2          | 5.01-10.00 mts  |
| Palma areca       | 4 8321444922607935       | Balalaia                             | Palma      | 7,4          | 5.01-10.00 mts  |
| Eugenia           | 4 832498621710705        | Balalaia                             | arbol      | 3,2          | 2.01-5.00 mts   |
| Nuez de Betel     | 4 830378519430822        | Balalaia - AV. SIMON BOLIVAR         | Palma      | 12           | 10.01-15.00 mts |
| Nuez de Betel     | 4 830430320657221        | Balalaia - AV. SIMON BOLIVAR         | Palma      | 12           | 10.01-15.00 mts |
| Nuez de Betel     | 4 830456995396884        | Balalaia - AV. SIMON BOLIVAR         | Palma      | 10,7 - 12,70 | 10.01-15.00 mts |
| Palma quency      | 4 83049458314692         | Balalaia - AV. SIMON BOLIVAR         | Palma      | 10,5         | 10.01-15.00 mts |
| Palma manila      | 4 83059988892697         | Balalaia - AV. SIMON BOLIVAR         | Palma      | 4,2          | 2.01-5.00 mts   |
| Palma manila      | 4 8304414932913035       | Balalaia - AV. SIMON BOLIVAR         | Palma      | 3,8          | 2.01-5.00 mts   |
| Palma manila      | 4 832485024228975        | Balalaia - AV. SIMON BOLIVAR         | Palma      | 4,4          | 2.01-5.00 mts   |
| Palma manila      | 4 8325268802969865       | Balalaia - AV. SIMON BOLIVAR         | Palma      | 3            | 2.01-5.00 mts   |
| Palma manila      | 4 832396969652955        | Balalaia - AV. SIMON BOLIVAR         | Palma      | 3,2          | 2.01-5.00 mts   |
| Palma manila      | 4 8323295750341115       | Balalaia - AV. SIMON BOLIVAR         | Palma      | 3,5          | 2.01-5.00 mts   |
| Palma manila      | 4 832299507439           | Balalaia - AV. SIMON BOLIVAR         | Palma      | 3,4          | 2.01-5.00 mts   |
| Palma areca       | 4 832626340550246        | Balalaia - AV. SIMON BOLIVAR         | Palma      | 7,4          | 5.01-10.00 mts  |
| Pino vela         | 4 832656683839834        | Balalaia - AV. SIMON BOLIVAR         | arbol      | 9            | 5.01-10.00 mts  |
| Pino vela         | 4 8326763543701          | Balalaia - AV. SIMON BOLIVAR         | arbol      | 8,6          | 5.01-10.00 mts  |
| Palma areca       | 4 832705085778304        | Balalaia - AV. SIMON BOLIVAR         | Palma      | 0,71 - 7,10  | 5.01-10.00 mts  |
| Palma areca       | 4 832730142090668        | Balalaia - AV. SIMON BOLIVAR         | Palma      | 0,71-7,10    | 5.01-10.00 mts  |
| Palma areca       | 4 832795288503664        | Balalaia - AV. SIMON BOLIVAR         | Palma      | 6,8          | 5.01-10.00 mts  |
| Palma areca       | 4 832789609073044        | Balalaia - AV. SIMON BOLIVAR         | Palma      | 6,5          | 5.01-10.00 mts  |
| Benjamin          | 4 83620895178082         | Barro blanco                         | arbol      | 9,4          | 5.01-10.00 mts  |
| palma areca       | 4 8356640630535646       | Barro blanco                         | Palma      | 4,4          | 2.01-5.00 mts   |
| palma areca       | 4 835653372405846        | Barro blanco                         | Palma      | 3,6          | 2.01-5.00 mts   |
| Guayabo dulce     | 4 861506539359586        | Boca cañoa                           | arbol      | 2,6          | 2.01-5.00 mts   |
| Guayabo dulce     | 4 861481105843928        | Boca cañoa                           | arbol      | 2,6          | 2.01-5.00 mts   |
| Palma areca       | 4 8597179264367165       | Boca cañoa                           | Palma      | 2,8          | 2.01-5.00 mts   |
| Palma areca       | 4 859661134390914        | Boca cañoa                           | Palma      | 2,3          | 2.01-5.00 mts   |
| Limon tahiti      | 4 85921140778386         | Boca cañoa                           | arbol      | 5,8          | 5.01-10.00 mts  |
| Limon tahiti      | 4 859070496830773        | Boca cañoa                           | arbol      | 3,4          | 2.01-5.00 mts   |
| Aguate            | 4 859063815407455        | Boca cañoa                           | arbol      | 2,9          | 2.01-5.00 mts   |
| Palma areca       | 4 8603N - 75.6621W       | Boca cañoa                           | Palma      | 2,2          | 2.01-5.00 mts   |
| Palma quency      | 4 8607N - 75.6623W       | Boca cañoa                           | Palma      | 3,1          | 2.01-5.00 mts   |
| Palma quency      | 4 8608N - 75.6623W       | Boca cañoa                           | Palma      | 4            | 2.01-5.00 mts   |
| Palma quency      | 4 8608N - 75.6622W       | Boca cañoa                           | Palma      | 4,4          | 2.01-5.00 mts   |
| Palma areca       | 4 82441740843742         | Bodegas zona Industrial - LA BADEA   | Palma      | 8            | 5.01-10.00 mts  |
| Palma quency      | 4 844052160478141        | Bombay                               | Palma      | 14           | 10.01-15.00 mts |
| Pizamo            | 4 843733115340558        | Bombay                               | arbol      | 24           | 15.01-28.00 mts |
| Aguate            | 4 857368068026355        | Bosques de la Acuarela               | arbol      | 7            | 5.01-10.00 mts  |
| Chachafuto        | 4 8571802752051986       | Bosques de la Acuarela               | arbol      | 3            | 2.01-5.00 mts   |
| Acacia amarilla   | 4 856107613161126        | Bosques de la Acuarela               | arbol      | 11           | 10.01-15.00 mts |
| Benjamin          | 4 85651484757744         | Bosques de la Acuarela               | arbol      | 5,1          | 5.01-10.00 mts  |
| Acacia amarilla   | 4 85584904893844         | Bosques de la Acuarela               | arbol      | 4,8          | 2.01-5.00 mts   |
| Guamo santafelero | 4 85545702758819         | Bosques de la Acuarela               | arbol      | 9,2          | 5.01-10.00 mts  |
| Palma quency      | 4 85519645071253         | Bosques de la Acuarela               | Palma      | 9,3          | 5.01-10.00 mts  |
| Pino libro        | 4 85553720508635         | Bosques de la Acuarela               | arbol      | 4            | 2.01-5.00 mts   |

| NOM_COM            | COORDENADA                             | BARRIO                                | HAB_CRECH | H mts_1     | Rango_1ftu      |
|--------------------|--|---------------------------------------|-----------|-------------|-----------------|
| Palma areca        | 4 8559948849356, -75.6616530135753     | Bosques de la Acuarela                | Palma     | 7,1         | 5,01-10,00 mts  |
| Guamo santafereño  | 4 855620535806736, -75.66183093035251  | Bosques de la Acuarela                | arbol     | 7,3         | 5,01-10,00 mts  |
| Candelabro rojo    | 4 855580693456413, -75.66180277615796  | Bosques de la Acuarela                | Arbusto   | 4,1         | 2,01-5,00 mts   |
| Acacia amarilla    | 4 856622752064034, -75.65991248935461  | Bosques de la Acuarela                | arbol     | 12,3        | 10,01-15,00 mts |
| Palma washingtonia | 4 8554N - 75.6617W                     | Bosques de la Acuarela                | Palma     | 11          | 5,01-15,00 mts  |
| Zapote             | 4 85753909 - 75.6620394                | Bosques de la acuarela - El Tamarindo | arbol     | 8           | 5,00-15,00      |
| Azafran            | 4 85758432 75.6620746                  | Bosques de la acuarela - El Tamarindo | arbol     | 7           | 5,00- 15,00     |
| Chachafruto        | 4 85753909 - 75.6620394                | Bosques de la acuarela - El Tamarindo | arbol     | 3           | 0,00-5,00       |
| Araucaria          | 4 85739333 - 75.66179948               | Bosques de la acuarela - El Tamarindo | arbol     | 3           | 0,00-5,00       |
| Aguacate           | 4 8573961 - 75.66185624                | Bosques de la acuarela - El Tamarindo | arbol     | 3           | 0,00-5,00       |
| Tulipan africano   | 4 85726547 - 75.66184596               | Bosques de la acuarela - El Tamarindo | arbol     | 1,5         | 0,00-5,00       |
| Aguacate           | 4 85685738 - 75.66177719               | Bosques de la acuarela - El Tamarindo | arbol     | 8           | 5,00- 15,00     |
| Guayacan amarillo  | 4 85686439 - 75.6617915                | Bosques de la acuarela - El Tamarindo | arbol     | 10          | 5,00- 15,00     |
| Aguacate           | 4 8573N - 75.6616W                     | Bosques de la acuarela - El Tamarindo | arbol     | 10          | 5,01-15,00 mts  |
| Acacia amarilla    | 4 827855502216896, -75.6856107339263   | Bosques de San Martín                 | arbol     | 5,2         | 5,01-10,00 mts  |
| Acacia amarilla    | 4 827783005429589, -75.6855300382081   | Bosques de San Martín                 | arbol     | 6,3         | 5,01-10,00 mts  |
| Acacia amarilla    | 4 827705163239901, -75.68544812500477  | Bosques de San Martín                 | arbol     | 5,8         | 5,01-10,00 mts  |
| Acacia amarilla    | 4 8279350050335, -75.6855726517439     | Bosques de San Martín                 | arbol     | 3,6         | 2,01-5,00 mts   |
| Acacia amarilla    | 4 827578544379562, -75.68531300872564  | Bosques de San Martín                 | arbol     | 5,1         | 5,01-10,00 mts  |
| Acacia amarilla    | 4 827502706898061, -75.6852900298922   | Bosques de San Martín                 | arbol     | 3,5         | 2,01-5,00 mts   |
| Acacia amarilla    | 4 827515067891016, -75.68526405841111  | Bosques de San Martín                 | arbol     | 5,1         | 5,01-10,00 mts  |
| Acacia amarilla    | 4 827451925490485, -75.68522550169653  | Bosques de San Martín                 | arbol     | 6,8         | 5,01-10,00 mts  |
| Acacia amarilla    | 4 827388449007194, -75.68521209061146  | Bosques de San Martín                 | arbol     | 5,9         | 5,01-10,00 mts  |
| Palma areca        | 48280 - 75.6856                        | Bosques de San Martín                 | Palma     | 1,6         | 0,00-5,00 mts   |
| Palma areca        | 48280 - 75.6856                        | Bosques de San Martín                 | Palma     | 1,6         | 0,00-5,00 mts   |
| Palma areca        | 4 8280 - 75.6856                       | Bosques de San Martín                 | Palma     | 1,2         | 0,00-5,00 mts   |
| Acacia amarilla    | 4 836774219083561, -75.67061316221954  | Buenos aires                          | arbol     | 0,86-8,6    | 0,00-2,00 mts   |
| Benjamin           | 4 8367277816674585, -75.67067451775074 | Buenos aires                          | arbol     | 15          | 10,01-15,00 mts |
| Araucaria          | 4 836665308280604, -75.6706912815571   | Buenos aires                          | arbol     | 16          | 15,01-28,00 mts |
| Palma yuca         | 4 836699384698705, -75.67072346806526  | Buenos aires                          | Arbusto   | 0,09-9      | 0,00-2,00 mts   |
| Casco de vaca      | 4 836798607083059, -75.67084785508333  | Buenos aires                          | arbol     | 7,2         | 5,01-10,00 mts  |
| Acacia de siam     | 4 836207615450937, -75.67098263651133  | Buenos aires                          | arbol     | 6           | 5,01-10,00 mts  |
| Carbonero rosado   | 4 83623033058534, -75.67089177988095   | Buenos aires                          | arbol     | 2,5         | 2,01-5,00 mts   |
| Almendro           | 4 8361735390381035, -75.67087968342688 | Buenos aires                          | arbol     | 7,2         | 5,01-10,00 mts  |
| Naranja            | 4 83609603189665, -75.67078080028296   | Buenos aires                          | arbol     | 2,7         | 2,01-5,00 mts   |
| Urajan             | 4 8368N - 75.6711W                     | Buenos aires                          | arbol     | 18          | 15,01-20,0 mts  |
| Guamo santafereño  | 4 8383N - 75.6684W                     | Buenos aires                          | arbol     | 16          | 15,01-20,0 mts  |
| Leucaena           | 4 8387N - 75.6707W                     | Buenos aires                          | arbol     | 4,1         | 0,00-5,00 mts   |
| Zapote             | 4 8387N - 75.6710W                     | Buenos aires                          | arbol     | 5,8         | 5,01-15,00 mts  |
| Aguacate           | 4 8388N - 75.6717W                     | Buenos aires                          | arbol     | 6,1         | 5,01-15,00 mts  |
| Tulipan africano   | 4 8388N - 75.6718W                     | Buenos aires                          | arbol     | 8,4         | 5,01-15,00 mts  |
| Leucaena           | 4 8387N - 75.6707W                     | Buenos aires                          | arbol     | 5,1         | 5,01-15,00 mts  |
| Pino vetia         | 4 834686202172159, -75.6714379414916   | C.A.M                                 | arbol     | 17          | 15,01-28,00 mts |
| Guayacan rosado    | 4 8340233807378485, -75.67188117653131 | C.A.M                                 | arbol     | 9,8         | 5,01-10,00 mts  |
| Palma quency       | 4 83356222819491, -75.67246586909656   | C.A.M                                 | Palma     | 7,3         | 5,01-10,00 mts  |
| Mango              | 4 83369653702839, -75.6719621529293    | C.A.M                                 | arbol     | 6,2         | 5,01-10,00 mts  |
| Naranja            | 4 8336465343912955, -75.67171152681112 | C.A.M                                 | arbol     | 6           | 5,01-10,00 mts  |
| Guayabo dulce      | 4 833602789420793, -75.67169068140745  | C.A.M                                 | arbol     | 8,6         | 5,01-10,00 mts  |
| Guayabo dulce      | 4 833605108007067, -75.6716712393759   | C.A.M                                 | arbol     | 0,81-8,1    | 0,00-2,00 mts   |
| Guayabo dulce      | 4 833421027833666, -75.67151371389627  | C.A.M                                 | arbol     | 0,71-7,1    | 0,00-2,00 mts   |
| Palma botella      | 4 833410671234402, -75.6713356827291   | C.A.M                                 | Palma     | 5,7         | 5,01-10,00 mts  |
| Palma areca        | 4 833397641964126, -75.67126896232367  | C.A.M                                 | Palma     | 7,5         | 5,01-10,00 mts  |
| Croto              | 4 833400314634974, -75.67109864205123  | C.A.M                                 | Arbusto   | 4,1         | 2,01-5,00 mts   |
| Palma areca        | 4 833440375115544, -75.67102803406458  | C.A.M                                 | Palma     | 8,1         | 5,01-10,00 mts  |
| Mango              | 4 833451429462843, -75.67101314863888  | C.A.M                                 | arbol     | 0,61 - 5,10 | 0,00-2,00 mts   |
| Mango              | 4 83345629839501, -75.6707526378828    | C.A.M                                 | arbol     | 0,71 - 7,10 | 0,00-2,00 mts   |
| Palma areca        | 4 833730723486888, -75.67164078354836  | C.A.M                                 | Palma     | 5,2         | 5,01-10,00 mts  |
| Acacia amarilla    | 4 833730389403193, -75.67160926759243  | C.A.M                                 | arbol     | 11,6        | 10,01-15,00 mts |
| Acacia amarilla    | 4 833757116098045, -75.67162804305553  | C.A.M                                 | arbol     | 7           | 5,01-10,00 mts  |
| Acacia amarilla    | 4 833800546974917, -75.67159216850996  | C.A.M                                 | arbol     | 6,4         | 5,01-10,00 mts  |
| Araucaria          | 4 833851327888965, -75.67157808691263  | C.A.M                                 | arbol     | 15          | 10,01-15,00 mts |
| Acacia amarilla    | 4 833842641514463, -75.67158713936806  | C.A.M                                 | arbol     | 9,7         | 5,01-10,00 mts  |
| Acacia amarilla    | 4 833850659521701, -75.6716693508626   | C.A.M                                 | arbol     | 7,3         | 5,01-10,00 mts  |
| Acacia amarilla    | 4 833897097145075, -75.67163307219744  | C.A.M                                 | arbol     | 4,7         | 2,01-5,00 mts   |
| Acacia amarilla    | 4 8338593456961005, -75.67168671637774 | C.A.M                                 | arbol     | 8,5         | 5,01-10,00 mts  |
| Acacia amarilla    | 4 83390781068045, -75.67164782434702   | C.A.M                                 | arbol     | 7           | 5,01-10,00 mts  |
| Acacia amarilla    | 4 83390678599684, -75.67172426730394   | C.A.M                                 | arbol     | 9,2         | 5,01-10,00 mts  |
| Acacia amarilla    | 4 833948880102627, -75.6716726347804   | C.A.M                                 | arbol     | 8,6         | 5,01-10,00 mts  |
| Palma quency       | 4 833831282670716, -75.67135613411664  | C.A.M                                 | Palma     | 4,5         | 2,01-5,00 mts   |
| Palma areca        | 4 833800546974917, -75.67130818963051  | C.A.M                                 | Palma     | 4,6         | 2,01-5,00 mts   |
| Palma robelinii    | 4 833853332190755, -75.67116287979145  | C.A.M                                 | Palma     | 3,8         | 2,01-5,00 mts   |
| Palma robelinii    | 4 833857007110892, -75.6711546331644   | C.A.M                                 | Palma     | 3,8         | 2,01-5,00 mts   |
| Palma robelinii    | 4 833871038622596, -75.67115530371666  | C.A.M                                 | Palma     | 4,1         | 2,01-5,00 mts   |
| Palma areca        | 4 833874379459211, -75.67113250494003  | C.A.M                                 | Palma     | 6,3         | 5,01-10,00 mts  |
| Palma areca        | 4 833879724797128, -75.6711358577013   | C.A.M                                 | Palma     | 5,2         | 5,01-10,00 mts  |
| Palma cubana       | 4 834191006898021, -75.67139636725186  | C.A.M                                 | Palma     | 9,4         | 5,01-10,00 mts  |
| Palma cubana       | 4 834248887095004, -75.67133970588643  | C.A.M                                 | Palma     | 7,3         | 5,01-10,00 mts  |
| Palma cubana       | 4 834320380946624, -75.67130852490664  | C.A.M                                 | Palma     | 8,1         | 5,01-10,00 mts  |
| Palma cubana       | 4 8342265035043726, -75.67125890403986 | C.A.M                                 | Palma     | 8,7         | 5,01-10,00 mts  |
| Palma quency       | 4 8343073516938535, -75.6712082773447  | C.A.M                                 | Palma     | 2,8         | 2,01-5,00 mts   |
| Palma cubana       | 4 834367820787944, -75.67114524543285  | C.A.M                                 | Palma     | 0,91-0,1    | 0,00-2,00 mts   |
| Palma quency       | 4 834415928792633, -75.67117877304554  | C.A.M                                 | Palma     | 2,8         | 2,01-5,00 mts   |
| Palma cubana       | 4 834436307878918, -75.6711211055173   | C.A.M                                 | Palma     | 11,5        | 10,01-15,00 mts |
| arbol pulpo        | 4 83430206359308, -75.67111775279045   | C.A.M                                 | arbol     | 4,2         | 2,01-5,00 mts   |
| Benjamin           | 4 834114251456727, -75.67093066871166  | C.A.M                                 | arbol     | 13,8        | 10,01-15,00 mts |
| Palma botella      | 4 833907453736896, -75.67080480488796  | C.A.M                                 | Palma     | 8,6         | 5,01-10,00 mts  |
| Palma areca        | 48323256 - 75. 67031423                | C.A.M                                 | Palma     | 4,3         | 0,00-5,00 mts   |
| Palma areca        | 4 8496757805086035, -75.65908038646317 | Camilo Torres                         | Palma     | 5,6         | 5,01-10,00 mts  |
| Palma areca        | 4 845711860094785, -75.65904343363379  | Camilo Torres                         | Palma     | 6           | 5,01-10,00 mts  |
| Mango              | 4 844800496119626, -75.658338527134    | Camilo Torres                         | arbol     | 7           | 5,01-10,00 mts  |
| Mango              | 4 844836574332593, -75.6588939454079   | Camilo Torres                         | arbol     | 7           | 5,01-10,00 mts  |
| Guayabo dulce      | 4 844800496114578, -75.658338525646    | Camilo Torres                         | arbol     | 9,5         | 5,01-10,00 mts  |
| Aguacate           | 4 844778781034452, -75.65905212002993  | Camilo Torres                         | arbol     | 7           | 5,01-10,00 mts  |
| Mandarino          | 4 844436350753734, -75.65920198845882  | Camilo Torres                         | arbol     | 5           | 2,01-5,00 mts   |
| Guamo santafereño  | 4 8430121815294355, -75.6576986108894  | Camilo Torres                         | arbol     | 7           | 5,01-10,00 mts  |
| Cipres             | 4 8439833402816195, -75.65767753869295 | Camilo Torres                         | arbol     | 4,6         | 2,01-5,00 mts   |
| Palma areca        | 4 844056837578493, -75.65769042518377  | Camilo Torres                         | Palma     | 4           | 2,01-5,00 mts   |
| Palma quency       | 4 8436449185435295, -75.65789162029028 | Camilo Torres                         | Palma     | 3,8         | 2,01-5,00 mts   |
| Palma areca        | 4 843673649319601, -75.65774861723185  | Camilo Torres                         | Palma     | 2,9         | 2,01-5,00 mts   |
| Olivio negro       | 4 843197920963537, -75.65800007432688  | Camilo Torres                         | arbol     | 2,8         | 2,01-5,00 mts   |
| Palma quency       | 4 843042574201742, -75.6583344462547   | Camilo Torres                         | Palma     | 2,4         | 2,01-5,00 mts   |
| Palma quency       | 4 843123795417193, -75.65831389278173  | Camilo Torres                         | Palma     | 2,2         | 2,01-5,00 mts   |
| Palo de la cruz    | 4 842914621895854, -75.65792061388493  | Camilo Torres                         | Palma     | 2,4         | 2,01-5,00 mts   |
| Palma quency       | 4 84326468660101, -75.65829411149025   | Camilo Torres                         | Palma     | 3,6-6,6     | 2,01-5,00 mts   |
| Palma quency       | 4 843273422817667, -75.65849930047989  | Camilo Torres                         | Palma     | 5,2         | 5,01-10,00 mts  |
| Urajan             | 4 843591485933684, -75.65866425633432  | Camilo Torres                         | arbol     | 11          | 10,01-15,00 mts |
| Mango              | 4 8441918053153366, -75.65856769680077 | Camilo Torres                         | arbol     | 5           | 2,01-5,00 mts   |
| Naranja            | 4 844300046749799, -75.65846275538206  | Camilo Torres                         | arbol     | 4,1         | 2,01-5,00 mts   |
| Palma areca        | 4 844318086987182, -75.65840508788824  | Camilo Torres                         | Palma     | 7           | 5,01-10,00 mts  |
| Palma areca        | 4 844362185343225, -75.65840173512607  | Camilo Torres                         | Palma     | 0,71-7,1    | 0,00-2,00 mts   |
| Casco de vaca      | 4 845088087802609, -75.65865728766918  | Camilo Torres                         | arbol     | 6,5         | 5,01-10,00 mts  |
| Casco de vaca      | 4 845083460318984, -75.65903339534998  | Camilo Torres                         | arbol     | 5,6         | 5,01-10,00 mts  |
| Urajan             | 4 844905263698119, -75.65913183125515  | Camilo Torres                         | arbol     | 9           | 5,01-10,00 mts  |

| NOM_COM            | COORDENADA                            | BARRIO        | HAB_CRECH     | H_mts_1  | Ranoo_attu       |
|--------------------|---------------------------------------|---------------|---------------|----------|------------------|
| Guamo santafereño  | 4.84515027593181 -75.65935995429754   | Camilo Torres | arbol         | 16       | 15.01-28.00 mts  |
| Urapan             | 4.844855619024898 -75.659642255679636 | Camilo Torres | arbol         | 13       | 10.01-15.00 mts  |
| Araucaria          | 4.841816173206524 -75.65968746829031  | Camilo Torres | arbol         | 8        | 5.01-10.00 mts   |
| Palma areca        | 4.841982206319737 -75.65705258399248  | Camilo Torres | Palma         | 2,5      | 2.01-5.00 mts    |
| Palma areca        | 4.842034322738422 -75.65706800669432  | Camilo Torres | Palma         | 3,6      | 2.01-5.00 mts    |
| Casco de vaca      | 4.84223200782018 -75.65747000277042   | Camilo Torres | arbol         | 2        | 0.00-2.00 mts    |
| Palma quency       | 4.84191217755226 -75.65737176686225   | Camilo Torres | Palma         | 3,6      | 2.01-5.00 mts    |
| Palma areca        | 4.842006594131543 -75.657392525950767 | Camilo Torres | Palma         | 3,2      | 2.01-5.00 mts    |
| Palma areca        | 4.842041673489455 -75.65744116902351  | Camilo Torres | Palma         | 3,2      | 2.01-5.00 mts    |
| Palma areca        | 4.842141562279611 -75.65749246627092  | Camilo Torres | Palma         | 3,5      | 2.01-5.00 mts    |
| Palma areca        | 4.842550806959626 -75.65772112458946  | Camilo Torres | Palma         | 2,1      | 2.01-5.00 mts    |
| Palma areca        | 4.842351698278313 -75.65742330938879  | Camilo Torres | Palma         | 2,2      | 2.01-5.00 mts    |
| Palma areca        | 4.842051360797502 -75.65770201385021  | Camilo Torres | Palma         | 3,6      | 2.01-5.00 mts    |
| Palma de coco      | 4.843687 -75.65883434                 | Camilo Torres | Palma         | 3        | 0.00-5.00 mts    |
| Palma areca        | 4.8428 -75.6580                       | Camilo Torres | Palma         | 3,9      | 0.00-5.00 mts    |
| Palma quency       | 4.8420 -75.6588                       | Camilo Torres | Palma         | 8,2      | 5.01-15.00 mts   |
| Palma quency       | 4.8426 -75.6584                       | Camilo Torres | Palma         | 8,7      | 5.01-15.00 mts   |
| Palma quency       | 4.8426 -75.6584                       | Camilo Torres | Palma         | 7,8      | 5.01-15.00 mts   |
| Palma areca        | 4.8433 -75.6585                       | Camilo Torres | Palma         | 2,3      | 0.00-5.00 mts    |
| Palma zanonca      | 4.8418 -75.6567                       | Camilo Torres | Palma         | 16       | 15.01- 20.00 mts |
| Palma areca        | 4.8418 -75.6567                       | Camilo Torres | Palma         | 4,4      | 0.00-5.00 mts    |
| Palma quency       | 4.8417 -75.6565                       | Camilo Torres | Palma         | 10,4     | 5.01-15.00 mts   |
| Palma quency       | 4.8417 -75.6565                       | Camilo Torres | Palma         | 8,6      | 5.01-15.00 mts   |
| Palma areca        | 4.8416 -75.6570                       | Camilo Torres | Palma         | 2,3      | 0.00-5.00 mts    |
| Palma areca        | 4.8421 -75.6575                       | Camilo Torres | Palma         | 1,9      | 0.00-5.00 mts    |
| Mango              | 4.8434 -75.6572                       | Camilo Torres | arbol         | 4,4      | 0.00-5.00 mts    |
| Aguacate           | 4.8434 -75.6572                       | Camilo Torres | arbol         | 6,5      | 5.01-15.00 mts   |
| Aguacate           | 4.8434 -75.6572                       | Camilo Torres | arbol         | 4,2      | 0.00-5.00 mts    |
| Limón              | 4.8434 -75.6572                       | Camilo Torres | arbol         | 3,2      | 0.00-5.00 mts    |
| Pomaroso           | 4.8434 -75.6572                       | Camilo Torres | arbol         | 4,1      | 0.00-5.00 mts    |
| Aguacate           | 4.8434 -75.6572                       | Camilo Torres | arbol         | 4,8      | 0.00-5.00 mts    |
| Guayacan amarillo  | 4.8435 -75.6573                       | Camilo Torres | arbol         | 4,5      | 0.00-5.00 mts    |
| Guaya Anazá        | 4.8435 -75.6573                       | Camilo Torres | arbol         | 2,5      | 0.00-5.00 mts    |
| Mango              | 4.8435 -75.6574                       | Camilo Torres | arbol         | 4,3      | 0.00-5.00 mts    |
| Limón              | 4.8436 -75.6575                       | Camilo Torres | arbol         | 1,8      | 0.00-5.00 mts    |
| Casco de vaca      | 4.84502776 -75.65912681               | Camilo Torres | arbol         | 6        | 5.01-15.00 mts   |
| Casco de vaca      | 4.8507133-75.659509047                | Camilo Torres | arbol         | 6        | 5.01-15.00 mts   |
| Casco de vaca      | 4.84500320 -75.6589585                | Camilo Torres | arbol         | 6        | 5.01-15.00 mts   |
| Aguacate           | 4.84499775 -75.6589992                | Camilo Torres | arbol         | 10       | 5.01-15.00 mts   |
| Guamo              | 4.8449897 -75.6589533                 | Camilo Torres | arbol         | 10       | 5.01-15.00 mts   |
| Limón              | 4.84437368 -75.65838312               | Camilo Torres | arbol         | 6        | 5.01-15.00 mts   |
| Mango              | 4.84345383 -75.6583434                | Camilo Torres | arbol         | 6        | 5.01-15.00 mts   |
| guayabo            | 4.84356412 -75.65802118               | Camilo Torres | arbol         | 10       | 5.01-15.00 mts   |
| tulipan Africano   | 4.84359293 -75.65799981               | Camilo Torres | arbol         | 11       | 5.01-15.00 mts   |
| tulipan Africano   | 4.849557 -75.6573978                  | Camilo Torres | arbol         | 6        | 5.01-15.00 mts   |
| limon              | 4.84491922 -75.6588679                | Camilo Torres | arbol         | 6        | 5.01-15.00 mts   |
| Naranja            | 4.84488499 -75.65905534               | Camilo Torres | arbol         | 6        | 5.01-15.00 mts   |
| guayabo dulce      | 4.84387468 -75.65907712               | Camilo Torres | arbol         | 4        | 0.00-5.00 mts    |
| Mango              | 4.8447 -75.6578                       | Camilo Torres | arbol         | 7,2      | 5.01-15.00 mts   |
| Casco de vaca      | 4.8447 -75.6596                       | Camilo Torres | arbol         | 2,4      | 0.00-5.00 mts    |
| Mango              | 4.8447 -75.6596                       | Camilo Torres | arbol         | 4,2      | 0.00-5.00 mts    |
| Casco de vaca      | 4.8447 -75.6596                       | Camilo Torres | arbol         | 2,3      | 0.00-5.00 mts    |
| Araucaria          | 4.8447 -75.6596                       | Camilo Torres | arbol         | 12       | 5.01-15.00 mts   |
| Vainillo           | 4.8447 -75.6596                       | Camilo Torres | arbol         | 9,4      | 5.01-15.00 mts   |
| Casco de vaca      | 4.8448 -75.6596                       | Camilo Torres | arbol         | 8,7      | 5.01-15.00 mts   |
| Casco de vaca      | 4.8445 -75.6594                       | Camilo Torres | arbol         | 4,7      | 0.00-5.00 mts    |
| Casco de vaca      | 4.8448 -75.6597                       | Camilo Torres | arbol         | 10,2     | 5.01-15.00 mts   |
| Casco de vaca      | 4.8448 -75.6596                       | Camilo Torres | arbol         | 9,7      | 5.01-15.00 mts   |
| Casco de vaca      | 4.8451 -75.6594                       | Camilo Torres | arbol         | 10,5     | 5.01-15.00 mts   |
| Casco de vaca      | 4.8442 -75.6594                       | Camilo Torres | arbol         | 9,8      | 5.01-15.00 mts   |
| Casco de vaca      | 4.8442 -75.6594                       | Camilo Torres | arbol         | 8,2      | 5.01-15.00 mts   |
| Casco de vaca      | 4.8441 -75.6595                       | Camilo Torres | arbol         | 4,4      | 0.00-5.00 mts    |
| Casco de vaca      | 4.8441 -75.6595                       | Camilo Torres | arbol         | 10,3     | 5.01-15.00 mts   |
| Casco de vaca      | 4.8441 -75.6595                       | Camilo Torres | arbol         | 10,8     | 5.01-15.00 mts   |
| Casco de vaca      | 4.8440 -75.6594                       | Camilo Torres | arbol         | 5,3      | 5.01-15.00 mts   |
| Aguacate           | 4.8441 -75.6594                       | Camilo Torres | arbol         | 6,9      | 5.01-15.00 mts   |
| Cheflera           | 4.8443 -75.6595                       | Camilo Torres | arbol         | 2,1      | 0.00-5.00 mts    |
| Dracena            | 4.8443 -75.6595                       | Camilo Torres | arbol         | 4        | 0.00-5.00 mts    |
| Milfanaria careada | 4.8441 -75.6595                       | Camilo Torres | Arbusto       | 2,1      | 0.00-5.00 mts    |
| Casco de vaca      | 4.8444 -75.6595                       | Camilo Torres | arbol         | 8,2      | 5.01-15.00 mts   |
| Casco de vaca      | 4.8443 -75.6595                       | Camilo Torres | arbol         | 4,4      | 0.00-5.00 mts    |
| Croto              | 4.8443 -75.6595                       | Camilo Torres | arbol         | 3,9      | 0.00-5.00 mts    |
| Palma areca        | 4.8418 -75.6567                       | Camilo Torres | Palma         | 5,8      | 5.01-15.00 mts   |
| Palma areca        | 4.8418 -75.6571                       | Camilo Torres | Palma         | 2,6      | 0.00-5.00 mts    |
| Palma areca        | 4.8434N -75.6591W                     | Camilo Torres | Palma         | 2,4      | 0.00-5.00 mts    |
| Palma areca        | 4.8450N -75.6566W                     | Camilo Torres | Palma         | 6,3      | 5.01-15.00 mts   |
| Palma areca        | 4.8450N -75.6566W                     | Camilo Torres | Palma         | 6,7      | 5.01-15.00 mts   |
| Palma quency       | 4.8450N -75.6563W                     | Camilo Torres | Palma         | 13       | 5.01-15.00 mts   |
| Araucaria          | 4.833618137273336 -75.68351592868567  | Campeste A    | arbol         | 4,9      | 2.01-5.00 mts    |
| arbol pulpo        | 4.8336575591544 -75.68345189094543    | Campeste A    | arbol         | 2,8      | 2.01-5.00 mts    |
| Guayabo dulce      | 4.833636845962947 -75.683439546241522 | Campeste A    | arbol         | 5,8      | 5.01-10.00 mts   |
| Aguacate           | 4.833642525386466 -75.68333823233843  | Campeste A    | arbol         | 7,4      | 5.01-10.00 mts   |
| Guadua             | 4.833628493869432 -75.68310588598251  | Campeste A    | Herbacea fito | 0        | 0.00-2.00 mts    |
| Suingila           | 4.832037274253880 -75.68509342998505  | Campeste A    | arbol         | 0.81-8.1 | 0.00-2.00 mts    |
| Suingila           | 4.832020994133619 -75.68502119961977  | Campeste A    | arbol         | 7,8      | 5.01-10.00 mts   |
| Mandarino          | 4.832886834312421 -75.6856192756772   | Campeste A    | arbol         | 4,3      | 2.01-5.00 mts    |
| Acacia amarilla    | 4.832707090281492 -75.68573914468288  | Campeste A    | arbol         | 8,7      | 5.01-10.00 mts   |
| Suingila           | 4.832687713397798 -75.68573009222746  | Campeste A    | arbol         | 7,8      | 5.01-10.00 mts   |
| Guayabo dulce      | 4.83270694789666 -75.6855959817767    | Campeste A    | arbol         | 0.81-8.1 | 0.00-2.00 mts    |
| Casco de vaca      | 4.832801636102551 -75.68532072007655  | Campeste A    | arbol         | 6,2      | 5.01-10.00 mts   |
| Casco de vaca      | 4.832758873329981 -75.68519197404385  | Campeste A    | arbol         | 10,4     | 10.01-15.00 mts  |
| Casco de vaca      | 4.832780588800763 -75.68513195961712  | Campeste A    | arbol         | 8,2      | 5.01-10.00 mts   |
| Nogal cafetero     | 4.832864109835717 -75.68493582308292  | Campeste A    | arbol         | 11,2     | 10.01-15.00 mts  |
| Casco de vaca      | 4.831149751697485 -75.68509139120579  | Campeste A    | arbol         | 14,3     | 10.01-15.00 mts  |
| Casco de vaca      | 4.833097634594841 -75.6851601228118   | Campeste A    | arbol         | 11,8     | 10.01-15.00 mts  |
| Casco de vaca      | 4.833212559482515 -75.6849773250876   | Campeste A    | arbol         | 7,2      | 5.01-10.00 mts   |
| Bauco              | 4.833203539215884 -75.68498240564696  | Campeste A    | Arbusto       | 3,9      | 2.01-5.00 mts    |
| Guayabo dulce      | 4.8332800444365445 -75.68483624607325 | Campeste A    | arbol         | 8,2      | 5.01-10.00 mts   |
| Limón mandarino    | 4.83324329520498 -75.68481210619211   | Campeste A    | arbol         | 3,2      | 2.01-5.00 mts    |
| Aguacate           | 4.8331831600945 -75.68483021110296    | Campeste A    | arbol         | 8,9      | 5.01-10.00 mts   |
| Guayabo dulce      | 4.832937683379785 -75.68467866620982  | Campeste A    | arbol         | 7,9      | 5.01-10.00 mts   |
| Guayabo dulce      | 4.832025247226786 -75.68476550261048  | Campeste A    | arbol         | 8        | 5.01-10.00 mts   |
| Nogal cafetero     | 4.832857762237439 -75.68478997796774  | Campeste A    | arbol         | 8,7      | 5.01-10.00 mts   |
| Quebrabrigo        | 4.832973689417979 -75.68457640707493  | Campeste A    | arbol         | 4,8      | 2.01-5.00 mts    |
| Casco de vaca      | 4.8329820415195615 -75.6845673546195  | Campeste A    | arbol         | 3,1      | 2.01-5.00 mts    |
| Palma quency       | 4.833030149622657 -75.68450082394838  | Campeste A    | Palma         | 5,9      | 5.01-10.00 mts   |
| Palma quency       | 4.832976961745575 -75.6845935061574   | Campeste A    | Palma         | 6,1      | 5.01-10.00 mts   |
| Palma quency       | 4.83307007823671 -75.68450801074505   | Campeste A    | Palma         | 5,8      | 5.01-10.00 mts   |
| Palma quency       | 4.833020461185505 -75.68440761718512  | Campeste A    | Palma         | 3,9      | 2.01-5.00 mts    |
| Liberalito         | 4.83299366293479 -75.68452276269463   | Campeste A    | arbol         | 2,5      | 2.01-5.00 mts    |
| Liberalito         | 4.833047521992372 -75.68446174263954  | Campeste A    | arbol         | 2,3      | 2.01-5.00 mts    |
| Liberalito         | 4.833066898667735 -75.68439971655607  | Campeste A    | arbol         | 2,2      | 2.01-5.00 mts    |
| Liberalito         | 4.8330211293535825 -75.68444967269807 | Campeste A    | arbol         | 6,2      | 5.01-10.00 mts   |

| NOM_COM             | COORDENADA                             | BARRIO     | HAB_CRECII | H. mts. 1   | Rango. altu     |
|---------------------|--|------------|------------|-------------|-----------------|
| Liberalito          | 4.833058740093038,-75.684320427042763  | Campeste A | arbol      | 3,5         | 2,01-5,00 mts   |
| Palma quency        | 4.833054203672908,-75.684320398320202  | Campeste A | Palma      | 4,9         | 2,01-5,00 mts   |
| Palma quency        | 4.832978032510815,-75.68427466586075   | Campeste A | Palma      | 3,3         | 2,01-5,00 mts   |
| Urapan              | 4.83299941389050095,-75.68431957973337 | Campeste A | arbol      | 3           | 2,01-5,00 mts   |
| Aguaote             | 4.833754109344927,-75.686130411922993  | Campeste A | arbol      | 8,2         | 5,01-10,00 mts  |
| Aguaote             | 4.833720404181302,-75.68610794842043   | Campeste A | arbol      | 9,4         | 5,01-10,00 mts  |
| Acacia amarilla     | 4.833456440720271,-75.68609615547419   | Campeste A | arbol      | 9,8         | 5,01-10,00 mts  |
| Aguaote             | 4.833315123204693,-75.68604320412995   | Campeste A | arbol      | 6,7         | 5,01-10,00 mts  |
| Aguaote             | 4.833276035420567,-75.68610224872828   | Campeste A | arbol      | 7,8         | 5,01-10,00 mts  |
| Aguaote             | 4.833257994897843,-75.6858678304318    | Campeste A | arbol      | 5,4         | 5,01-10,00 mts  |
| Aguaote             | 4.833577379053002,-75.6851440294589    | Campeste A | arbol      | 10,4        | 10,01-15,00 mts |
| Aguaote             | 4.833506219208702,-75.685341842047255  | Campeste A | arbol      | 11,5        | 10,01-15,00 mts |
| Acacia amarilla     | 4.833544304761129,-75.68536220431629   | Campeste A | arbol      | 7,9         | 5,01-10,00 mts  |
| Mango               | 4.833542968425991,-75.68532038480043   | Campeste A | arbol      | 4,8         | 2,01-5,00 mts   |
| Falso pimienta      | 4.833528936906894,-75.68532306700945   | Campeste A | arbol      | 0,55-5,5    | 0,00-2,00 mts   |
| Mandarino           | 4.83354931601787,-75.68525433540344    | Campeste A | arbol      | 5,7         | 5,01-10,00 mts  |
| Casco de vaca       | 4.833556703639035,-75.68523120135069   | Campeste A | arbol      | 7,6         | 5,01-10,00 mts  |
| Casco de vaca       | 4.833562011201448,-75.68521577964885   | Campeste A | arbol      | 9,8         | 5,01-10,00 mts  |
| Aguaote             | 4.833577379054933,-75.6851440295577    | Campeste A | arbol      | 7,5         | 5,01-10,00 mts  |
| Casco de vaca       | 4.833575374552316,-75.68511720746757   | Campeste A | arbol      | 7,2-7,2     | 0,00-2,00 mts   |
| Aguaote             | 4.833569990474797,-75.6851390004158    | Campeste A | arbol      | 0,75        | 5,01-10,00 mts  |
| Palma areca         | 4.833582724395178,-75.68497940897942   | Campeste A | Palma      | 4,5         | 2,01-5,00 mts   |
| Palma areca         | 4.833651270098679,-75.68497437583751   | Campeste A | Palma      | 3,4         | 2,01-5,00 mts   |
| Palma areca         | 4.833661234075405,-75.68503238260746   | Campeste A | Palma      | 3,6         | 2,01-5,00 mts   |
| Guayacan amarillo   | 4.833676501026638,-75.68506759660078   | Campeste A | arbol      | 3,1         | 2,01-5,00 mts   |
| Guayacan amarillo   | 4.833720032838675,-75.68499020924018   | Campeste A | arbol      | 2,8         | 2,01-5,00 mts   |
| Casco de vaca       | 4.8338142444047465,-75.68513123909488  | Campeste A | arbol      | 6,4         | 5,01-10,00 mts  |
| Guayacan rosado     | 4.833933846341157,-75.68537771701813   | Campeste A | arbol      | 5,1         | 5,01-10,00 mts  |
| Palma yuca          | 4.833926830582602,-75.6853449728454    | Campeste A | Arbusto    | 3,8         | 2,01-5,00 mts   |
| Mango               | 4.833942899599095,-75.68536564707756   | Campeste A | arbol      | 3,1         | 2,01-5,00 mts   |
| Araucaria           | 4.833911462740146,-75.68547360290411   | Campeste A | arbol      | 0,93-0,3    | 0,00-2,00 mts   |
| Acacia roja         | 4.833909444733621,-75.68539176961546   | Campeste A | arbol      | 5,5         | 5,01-10,00 mts  |
| Mandarino           | 4.833911286554,-75.6851775571704       | Campeste A | arbol      | 3,5         | 2,01-5,00 mts   |
| Aguaote             | 4.833917476044956,-75.68516582520595   | Campeste A | arbol      | 5,7         | 5,01-10,00 mts  |
| Acacia roja         | 4.833880392964367,-75.68512404286622   | Campeste A | arbol      | 1,19        | 0,00-2,00 mts   |
| Limon tahiti        | 4.833859011612456,-75.68506792187691   | Campeste A | arbol      | 3,3         | 2,01-5,00 mts   |
| Achote              | 4.833854000358019,-75.68508066236974   | Campeste A | arbol      | 2,7         | 2,01-5,00 mts   |
| Achote              | 4.833849991354425,-75.68502098321915   | Campeste A | arbol      | 2,3         | 2,01-5,00 mts   |
| Palma areca         | 4.833716357879885,-75.68485904484967   | Campeste A | Palma      | 6,9         | 5,01-10,00 mts  |
| Quebrabrango        | 4.833740745997583,-75.68485233932734   | Campeste A | arbol      | 6,9         | 5,01-10,00 mts  |
| Casco de vaca       | 4.8336896311915325,-75.68476997796774  | Campeste A | arbol      | 10,2        | 10,01-15,00 mts |
| Casco de vaca       | 4.83365455240085,-75.68469408999546    | Campeste A | arbol      | 0,89-8,9    | 0,00-2,00 mts   |
| Guayabo dulce       | 4.833172135323661,-75.68449426442385   | Campeste A | arbol      | 5,3         | 5,01-10,00 mts  |
| Palma areca         | 4.833199196124485,-75.68438529966262   | Campeste A | Palma      | 2,5         | 2,01-5,00 mts   |
| Palma areca         | 4.833179819254876,-75.684350095893     | Campeste A | Palma      | 2,3         | 2,01-5,00 mts   |
| Palma areca         | 4.833193516697237,-75.6843363493681    | Campeste A | Palma      | 2,2         | 2,01-5,00 mts   |
| Guayabo dulce       | 4.833182401926576,-75.68426925414272   | Campeste A | arbol      | 5,7         | 5,01-10,00 mts  |
| Palma areca         | 4.833073293838305,-75.68527344614267   | Campeste A | Palma      | 2,2         | 2,01-5,00 mts   |
| Araucaria           | 4.833025806530152,-75.68526070564985   | Campeste A | arbol      | 6,3         | 5,01-10,00 mts  |
| Palma areca         | 4.83298605028282,-75.68525835871696    | Campeste A | Palma      | 7,2         | 5,01-10,00 mts  |
| Guayacan rosado     | 4.83410459303507,-75.68563990294933    | Campeste A | arbol      | 1,89-18,9   | 0,00-2,00 mts   |
| Casco de vaca       | 4.834098215448396,-75.68566706031561   | Campeste A | arbol      | 17,4        | 15,01-28,00 mts |
| Aguaote             | 4.834002333474034,-75.68570964038372   | Campeste A | arbol      | 9,1         | 5,01-10,00 mts  |
| Yarumo negro        | 4.833964582030914,-75.68571131678435   | Campeste A | arbol      | 15,4        | 15,01-28,00 mts |
| Yarumo negro        | 4.833974604538149,-75.685426851752     | Campeste A | arbol      | 13,2        | 10,01-15,00 mts |
| Casco de vaca       | 4.833910146662963,-75.68577703088522   | Campeste A | arbol      | 5,9         | 5,01-10,00 mts  |
| Palo de la cruz     | 4.833958902610091,-75.68577133119106   | Campeste A | arbol      | 4,2         | 2,01-5,00 mts   |
| Aguaote             | 4.833994983635703,-75.686030164361     | Campeste A | arbol      | 18,2        | 15,01-28,00 mts |
| Casco de vaca       | 4.833927164669299,-75.68590309470803   | Campeste A | arbol      | 17,2        | 15,01-28,00 mts |
| Casco de vaca       | 4.83391814441217,-75.68588983989969    | Campeste A | arbol      | 16,9        | 15,01-28,00 mts |
| Casco de vaca       | 4.833902442482802,-75.6859315931797    | Campeste A | arbol      | 18,2        | 15,01-28,00 mts |
| Casco de vaca       | 4.833921485048187,-75.6858467683196    | Campeste A | arbol      | 3,8         | 2,01-5,00 mts   |
| Aguaote             | 4.833902442482802,-75.68572774529457   | Campeste A | arbol      | 12,3        | 10,01-15,00 mts |
| Benjamin            | 4.833937521260674,-75.68562615862813   | Campeste A | Arbusto    | 2,8         | 2,01-5,00 mts   |
| Acacia amarilla     | 4.83395227890701,-75.685520606041      | Campeste A | arbol      | 8,7         | 5,01-10,00 mts  |
| Acerola             | 4.83390378817239,-75.68551383912583    | Campeste A | arbol      | 0,71-7,1    | 0,00-2,00 mts   |
| Palma areca         | 4.833932175923202,-75.68545583635969   | Campeste A | Palma      | 5,7         | 5,01-10,00 mts  |
| Mango               | 4.833902221689471,-75.68377308547497   | Campeste A | arbol      | 5,9         | 5,01-10,00 mts  |
| Mango               | 4.83299573896593,-75.68368189036846    | Campeste A | arbol      | 4,1         | 2,01-5,00 mts   |
| Benjamin            | 4.832437150198832,-75.68419989198446   | Campeste A | arbol      | 2,6         | 2,01-5,00 mts   |
| Palma de corozo     | 4.832436147943838,-75.68423040211201   | Campeste A | Palma      | 10,4        | 10,01-15,00 mts |
| Palma de corozo     | 4.8324321389318605,-75.68422738462687  | Campeste A | Palma      | 9,2         | 5,01-10,00 mts  |
| Palma de corozo     | 4.83241425702953,-75.6841878204388     | Campeste A | Palma      | 9,9         | 5,01-10,00 mts  |
| Benjamin            | 4.832437150198832,-75.68418737020016   | Campeste A | arbol      | 2,5         | 2,01-5,00 mts   |
| Benjamin            | 4.832399732750856,-75.68411406129599   | Campeste A | arbol      | 1,52 - 15,2 | 15,01-28,00 mts |
| Palma quency        | 4.832384898955037,-75.6838833913207    | Campeste A | Palma      | 8,7         | 5,01-10,00 mts  |
| Palma areca         | 4.832335588552981,-75.68382639437914   | Campeste A | Palma      | 7           | 5,01-10,00 mts  |
| Palma quency        | 4.832306857295717,-75.68380661308765   | Campeste A | Palma      | 8,7         | 5,01-10,00 mts  |
| Palma quency        | 4.832308861802062,-75.68384181708097   | Campeste A | Palma      | 4,5         | 2,01-5,00 mts   |
| Acacia amarilla     | 4.832252067452877,-75.68379521369934   | Campeste A | arbol      | 7,2         | 5,01-10,00 mts  |
| Palma quency        | 4.832207300139,-75.6837375462055       | Campeste A | Palma      | 6,3         | 5,01-10,00 mts  |
| Falso saman         | 4.83221698858778,-75.6836968541748     | Campeste A | arbol      | 10,7        | 10,01-15,00 mts |
| Palma robelini      | 4.8321702167647995,-75.68367183208466  | Campeste A | Palma      | 3           | 2,01-5,00 mts   |
| Guanabano           | 4.832115426910929,-75.68367283791304   | Campeste A | arbol      | 2,5         | 2,01-5,00 mts   |
| Guayabo dulce       | 4.832056628038439,-75.68357896050752   | Campeste A | arbol      | 7,1         | 5,01-10,00 mts  |
| Cipres              | 4.832127453952395,-75.68313036113977   | Campeste A | arbol      | 2,5         | 2,01-5,00 mts   |
| Cipres              | 4.832587154042668,-75.68356521427631   | Campeste A | arbol      | 3,8         | 2,01-5,00 mts   |
| Cipres              | 4.832518332684098,-75.68350620567799   | Campeste A | arbol      | 2,6         | 2,01-5,00 mts   |
| Cipres              | 4.832454896666069,-75.6834364880436    | Campeste A | arbol      | 3,2         | 2,01-5,00 mts   |
| Pino libro          | 4.832833179559927,-75.68334728479385   | Campeste A | arbol      | 3           | 2,01-5,00 mts   |
| Araucaria           | 4.832009521119867,-75.68307437002659   | Campeste A | arbol      | 10,4        | 10,01-15,00 mts |
| Araucaria           | 4.831978118172315,-75.68302843719721   | Campeste A | arbol      | 9,3         | 5,01-10,00 mts  |
| Araucaria           | 4.83191363984945,-75.68304788321257    | Campeste A | arbol      | 10,5        | 10,01-15,00 mts |
| Livia de oro-URAPAN | 4.831850407859913,-75.68302843719721   | Campeste A | arbol      | 4,9         | 2,01-5,00 mts   |
| Araucaria           | 4.831837802644275,-75.68295735865831   | Campeste A | arbol      | 8,7         | 5,01-10,00 mts  |
| Palma areca         | 4.831851834198397,-75.68292651325464   | Campeste A | Palma      | 6,1         | 5,01-10,00 mts  |
| arbol pulpo         | 4.83183748895965,-75.68292047828436    | Campeste A | arbol      | 6           | 5,01-10,00 mts  |
| Araucaria           | 4.8317933693876824,-75.6828748807311   | Campeste A | arbol      | 8,3         | 5,01-10,00 mts  |
| Acerola             | 4.831775662901143,-75.68284705281258   | Campeste A | arbol      | 3,3         | 2,01-5,00 mts   |
| Limon mandarina     | 4.831612295484781,-75.68284034729004   | Campeste A | arbol      | 2,4         | 2,01-5,00 mts   |
| Mirto               | 4.831594588993522,-75.68281017243862   | Campeste A | Arbusto    | 2,5         | 2,01-5,00 mts   |
| Mango               | 4.831590914061322,-75.68278267979622   | Campeste A | arbol      | 0,71-7,1    | 0,00-2,00 mts   |
| Aguaote             | 4.831570534891454,-75.68279005587101   | Campeste A | arbol      | 13,1        | 10,01-15,00 mts |
| Calamondin          | 4.831584900535849,-75.68273641169071   | Campeste A | arbol      | 5,6         | 5,01-10,00 mts  |
| Guayaba peruana     | 4.83149528964518,-75.68254664540291    | Campeste A | arbol      | 0,40-4,2    | 0,00-2,00 mts   |
| Palma areca         | 4.83194270520846,-75.6825174558363     | Campeste A | Palma      | 6,3         | 5,01-10,00 mts  |
| Aguaote-ZAPOTE      | 4.831140253882007,-75.682259668293     | Campeste A | arbol      | 15,1        | 15,01-28,00 mts |
| Mango               | 4.83110214790048,-75.68221874535084    | Campeste A | arbol      | 5,4         | 5,01-10,00 mts  |
| Mango               | 4.83110942692684,-75.68215269959385    | Campeste A | arbol      | 13,2        | 10,01-15,00 mts |
| Guanabano           | 4.8314495919348-75.68165212899936      | Campeste A | arbol      | 12          | 10,01-15,00 mts |
| Acacia amarilla     | 4.830938780321775,-75.682134591043     | Campeste A | arbol      | 3,5         | 2,01-5,00 mts   |
| Tulipan africano    | 4.83088994878935,-75.68211648813214    | Campeste A | arbol      | 6,4         | 5,01-10,00 mts  |
| Acacia amarilla     | 4.8308899389503,-75.6820792937754      | Campeste A | arbol      | 13,9        | 10,01-15,00 mts |

| NOM. COM          | COORDENADA                             | BARRIO     | HAB. CRECH | H. mts. 1   | Rango. alto     |
|-------------------|--|------------|------------|-------------|-----------------|
| Mango             | 4.830613832404731, -75.68216811965568  | Campeste A | arbol      | 7,4         | 5,01-10,00 mts  |
| Limon mandarina   | 4.830633877902226, -75.6821448075151   | Campeste A | arbol      | 0,45-4,5    | 0,00-2,00 mts   |
| Mango             | 4.830795123727209, -75.68211179229637  | Campeste A | arbol      | 8,2         | 5,01-10,00 mts  |
| Urapan            | 4.832197945774526, -75.68280111199832  | Campeste A | arbol      | 7,2         | 5,01-10,00 mts  |
| Casco de vaca     | 4.833155097041114, -75.6829198877321   | Campeste A | arbol      | 8,3         | 5,01-10,00 mts  |
| Palma areca       | 4.832745175878841, -75.68240817632521  | Campeste A | Palma      | 3,9         | 2,01-5,00 mts   |
| Palma manila      | 4.83262089655326, -75.6822844494717    | Campeste A | Palma      | 2,6         | 2,01-5,00 mts   |
| Pino libro        | 4.83144059619966, -75.68165212869644   | Campeste A | arbol      | 3,6         | 2,01-5,00 mts   |
| Palma quency      | 4.833078257223331, -75.6825852021575   | Campeste A | Palma      | 5,9         | 5,01-10,00 mts  |
| Palma areca       | 4.833090284746712, -75.68254329264164  | Campeste A | Palma      | 8           | 5,01-10,00 mts  |
| Araucaria         | 4.833101978668755, -75.68256039172411  | Campeste A | Campeste A | 5,9         | 5,01-10,00 mts  |
| Palma areca       | 4.833081598952422, -75.6825392693281   | Campeste A | Palma      | 0,72 - 7,20 | 0,00-2,00 mts   |
| Mango             | 4.833121354058725, -75.68248763680458  | Campeste A | arbol      | 6,1         | 5,01-10,00 mts  |
| Casco de vaca     | 4.83316445139237, -75.68232771009207   | Campeste A | arbol      | 7,1         | 5,01-10,00 mts  |
| Urapan            | 4.833261335737086, -75.68146739155054  | Campeste A | arbol      | 12,9        | 10,01-15,00 mts |
| Urapan            | 4.83320989681093, -75.6814103460897    | Campeste A | arbol      | 18,4        | 15,01-28,00 mts |
| Urapan            | 4.8331868350180756, -75.68135507404804 | Campeste A | arbol      | 18,6        | 15,01-28,00 mts |
| Mango             | 4.833150753940434, -75.68134166300297  | Campeste A | arbol      | 6,1         | 5,01-10,00 mts  |
| Aguacate          | 4.833129693146666, -75.68129640072584  | Campeste A | arbol      | 10,2        | 10,01-15,00 mts |
| Mango             | 4.833108659366880, -75.68142279982567  | Campeste A | arbol      | 7           | 5,01-10,00 mts  |
| Calamondin        | 4.833138726026111, -75.68133696913719  | Campeste A | arbol      | 4,7         | 2,01-5,00 mts   |
| Urapan            | 4.833113002458861, -75.68129673600197  | Campeste A | arbol      | 16,2        | 15,01-28,00 mts |
| Urapan            | 4.833084939420273, -75.68120922893287  | Campeste A | arbol      | 16,3        | 15,01-28,00 mts |
| Caucho            | 4.833102311770889, -75.68124812096359  | Campeste A | arbol      | 14,2        | 10,01-15,00 mts |
| Urapan            | 4.833093932586782, -75.68124400765005  | Campeste A | arbol      | 19,6        | 15,01-28,00 mts |
| Guayacan rosado   | 4.833047521992372, -75.68119212985039  | Campeste A | arbol      | 22,1        | 15,01-28,00 mts |
| Urapan            | 4.832973021249872, -75.68112473934889  | Campeste A | arbol      | 14,3        | 10,01-15,00 mts |
| Croto             | 4.832898520499185, -75.68123739212751  | Campeste A | Arbusto    | 3,1         | 2,01-5,00 mts   |
| Palma areca       | 4.832862773499244, -75.68120520561934  | Campeste A | Palma      | 5,8         | 5,01-10,00 mts  |
| Urapan            | 4.832953978457843, -75.68112440407275  | Campeste A | arbol      | 12,6        | 10,01-15,00 mts |
| Urapan            | 4.832928253083581, -75.68109422922134  | Campeste A | arbol      | 18,1        | 15,01-28,00 mts |
| Caucho            | 4.832894976944047, -75.68107645595862  | Campeste A | arbol      | 10,9        | 10,01-15,00 mts |
| Palma areca       | 4.832485547364256, -75.68202457950115  | Campeste A | Palma      | 7,4         | 5,01-10,00 mts  |
| Almendro          | 4.832214315912264, -75.68099529331617  | Campeste A | arbol      | 5           | 2,01-5,00 mts   |
| Almendro          | 4.83220362521012, -75.68085718899965   | Campeste A | arbol      | 4,3         | 2,01-5,00 mts   |
| Almendro          | 4.832152844372591, -75.68076431751251  | Campeste A | arbol      | 3,1         | 2,01-5,00 mts   |
| Berjamin careado  | 4.831448928029031, -75.68123135715723  | Campeste A | arbol      | 2,6         | 2,01-5,00 mts   |
| Sauco             | 4.831590245891819, -75.6806447736025   | Campeste A | Arbusto    | 0,24-2,4    | 0,00-2,00 mts   |
| Palma areca       | 4.831644033533979, -75.68094100803137  | Campeste A | Palma      | 5,8         | 5,01-10,00 mts  |
| Croto             | 4.830014392111357, -75.68161357194185  | Campeste A | Arbusto    | 3           | 2,01-5,00 mts   |
| Araucaria         | 4.8333-75.6819                         | Campeste A | arbol      | 6,8         | 5,01-10,00 mts  |
| Dracena           | 4.8332-75.6818                         | Campeste A | arbol      | 6,2         | 5,01-10,00 mts  |
| Pino libro        | 4.8332-75.6817                         | Campeste A | arbol      | 2,8         | 2,01-5,00 mts   |
| Croto             | 4.8333-75.6817                         | Campeste A | arbol      | 3,3         | 2,01-5,00 mts   |
| Araucaria         | 4.8334-75.6820                         | Campeste A | arbol      | 35          | 15,01-28,00 mts |
| Berjamin          | 4.8333-75.6820                         | Campeste A | arbol      | 8           | 5,01-10,00 mts  |
| Urapan            | 4.8333-75.6820                         | Campeste A | arbol      | 22          | 15,01-28,00 mts |
| Urapan            | 4.8334-75.6818                         | Campeste A | arbol      | 6           | 5,01-10,00 mts  |
| palma areca       | 4.8334-75.6818                         | Campeste A | arbol      | 4,2         | 2,01-5,00 mts   |
| Palma de coco     | 4.8318N - 75.6829W                     | Campeste A | Palma      | 2,1         | 0,00-5,00 mts   |
| Palma areca       | 4.8233-75.6851                         | Campeste A | Palma      | 2           | 0,00-5,00 mts   |
| Palma areca       | 4.8340-756857                          | Campeste A | Palma      | 2,6         | 0,00-5,00 mts   |
| Palma manila      | 4.8327-75.6822                         | Campeste A | Palma      | 3,1         | 0,00-5,00 mts   |
| Palma manila      | 4.8327-75.6823                         | Campeste A | Palma      | 2,4         | 0,00-5,00 mts   |
| Palma areca       | 4.8332-75.6823                         | Campeste A | Palma      | 2,3         | 0,00-5,00 mts   |
| Palma areca       | 4.8332-75.6823                         | Campeste A | Palma      | 0,5         | 0,00-5,00 mts   |
| Palma areca       | 4.8324-75.6809                         | Campeste A | Palma      | 1,1         | 0,00-5,00 mts   |
| Palma areca       | 4.8330-75.6811                         | Campeste A | Palma      | 2,6         | 0,00-5,00 mts   |
| Palma quency      | 4.8310-75.6821                         | Campeste A | Palma      | 2,9         | 2,01-5,00 mts   |
| Palma quency      | 4.8312-75.6824                         | Campeste A | Palma      | 3,3         | 0,00-5,00 mts   |
| Palma de corozo   | 4.8325-75.6838                         | Campeste A | Palma      | 4,2         | 0,00-5,00 mts   |
| Palma areca       | 4.8331-75.6830                         | Campeste A | Palma      | 1,7         | 0,00-5,00 mts   |
| Palma areca       | 4.8331-75.6831                         | Campeste A | Palma      | 1,6         | 0,00-5,00 mts   |
| Palma areca       | 4.8331-75.6831                         | Campeste A | Palma      | 1,5         | 0,00-5,00 mts   |
| Palma areca       | 4.8330-75.6832                         | Campeste A | Palma      | 2,4         | 0,00-5,00 mts   |
| Palma areca       | 4.8331-75.6832                         | Campeste A | Palma      | 4,2         | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8337-756849                          | Campeste A | arbol      | 1,8         | 0,00-5,00 mts   |
| San joaquin       | 4.8334-75.6821                         | Campeste A | arbol      | 1,8         | 0,00-5,00 mts   |
| Candelabro Rojo   | 4.8334-75.6821                         | Campeste A | arbol      | 1,9         | 0,00-5,00 mts   |
| Candelabro Rojo   | 4.8334-75.6821                         | Campeste A | arbol      | 1,8         | 0,00-5,00 mts   |
| Dracena           | 4.8334-75.6821                         | Campeste A | arbol      | 1,9         | 0,00-5,00 mts   |
| Francoesina       | 4.8334-75.6819                         | Campeste A | arbol      | 2,3         | 0,00-5,00 mts   |
| Almendro          | 4.8334-75.6818                         | Campeste A | arbol      | 1,8         | 0,00-5,00 mts   |
| Dracena           | 4.8334-75.6819                         | Campeste A | arbol      | 2,5         | 0,00-5,00 mts   |
| Francoesina       | 4.8334-75.6820                         | Campeste A | arbol      | 1,9         | 0,00-5,00 mts   |
| Tulipan afrocano  | 4.8333-75.6815                         | Campeste A | arbol      | 3,4         | 0,00-5,00 mts   |
| Tulipan afrocano  | 4.8333-75.6815                         | Campeste A | arbol      | 4,2         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8333-75.6810                         | Campeste A | arbol      | 1,8         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8332-75.6811                         | Campeste A | arbol      | 1,9         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8332-75.6811                         | Campeste A | arbol      | 1,8         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8331-75.6811                         | Campeste A | arbol      | 1,5         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8331-75.6811                         | Campeste A | arbol      | 2,1         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8331-75.6811                         | Campeste A | arbol      | 2           | 0,00-5,00 mts   |
| Guayacan rosado   | 4.8331-75.6811                         | Campeste A | arbol      | 2,5         | 0,00-5,00 mts   |
| Guayacan rosado   | 4.8331-75.6811                         | Campeste A | arbol      | 3,1         | 0,00-5,00 mts   |
| Guayacan rosado   | 4.8331-75.6811                         | Campeste A | arbol      | 2,3         | 0,00-5,00 mts   |
| Guayacan rosado   | 4.8331-75.6811                         | Campeste A | arbol      | 2,5         | 0,00-5,00 mts   |
| Guayacan rosado   | 4.8331-75.6811                         | Campeste A | arbol      | 2,3         | 0,00-5,00 mts   |
| Guayacan rosado   | 4.8331-75.6811                         | Campeste A | arbol      | 2,2         | 0,00-5,00 mts   |
| Guayacan rosado   | 4.8331-75.6811                         | Campeste A | arbol      | 2           | 0,00-5,00 mts   |
| Guayacan rosado   | 4.8331-75.6811                         | Campeste A | arbol      | 1,9         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8331-75.6811                         | Campeste A | arbol      | 1,7         | 0,00-5,00 mts   |
| Guayacan rosado   | 4.8331-75.6811                         | Campeste A | arbol      | 2           | 0,00-5,00 mts   |
| Guayacan rosado   | 4.8322-75.6806                         | Campeste A | arbol      | 1,9         | 0,00-5,00 mts   |
| Guayacan rosado   | 4.8321-75.6805                         | Campeste A | arbol      | 2,2         | 0,00-5,00 mts   |
| San Joaquin       | 4.8334-75.6821                         | Campeste A | arbol      | 1,8         | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8334-75.6821                         | Campeste A | arbol      | 1,9         | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8334-75.6821                         | Campeste A | arbol      | 1,8         | 0,00-5,00 mts   |
| Dracena           | 4.8334-75.6821                         | Campeste A | arbol      | 1,9         | 0,00-5,00 mts   |
| Francoesina       | 4.8334-75.6819                         | Campeste A | arbol      | 2,3         | 0,00-5,00 mts   |
| Almendro          | 4.8334-75.6818                         | Campeste A | arbol      | 1,8         | 0,00-5,00 mts   |
| Dracena           | 4.8334-75.6819                         | Campeste A | arbol      | 2,5         | 0,00-5,00 mts   |
| Francoesina       | 4.8334-75.6820                         | Campeste A | arbol      | 1,9         | 0,00-5,00 mts   |
| Tulipan afrocano  | 4.8333-75.6815                         | Campeste A | arbol      | 3,4         | 0,00-5,00 mts   |
| Tulipan afrocano  | 4.8333-75.6815                         | Campeste A | arbol      | 4,2         | 0,00-5,00 mts   |
| San joaquin       | 4.8327-75.6822                         | Campeste A | arbol      | 2,1         | 0,00-5,00 mts   |
| San joaquin       | 4.8327-75.6821                         | Campeste A | arbol      | 2,1         | 0,00-5,00 mts   |
| Tulipan afrocano  | 4.8332-75.6816                         | Campeste A | arbol      | 2,1         | 0,00-5,00 mts   |
| Almendro          | 4.8332-75.6824                         | Campeste A | arbol      | 1,6         | 0,00-5,00 mts   |
| Almendro          | 4.8332-75.6824                         | Campeste A | arbol      | 2,5         | 0,00-5,00 mts   |
| Almendro          | 4.8332-75.6823                         | Campeste A | arbol      | 2,3         | 0,00-5,00 mts   |
| Tulipan afrocano  | 4.8337-75.6829                         | Campeste A | arbol      | 3,6         | 0,00-5,00 mts   |
| Tulipan afrocano  | 4.8337-75.6828                         | Campeste A | arbol      | 6,2         | 5,01-15,00 mts  |

| NOM_COM               | COORDENADA          | BARRIO     | HAB_CRECH     | H. mts. 1    | Rango. ft/m     |
|-----------------------|---------------------|------------|---------------|--------------|-----------------|
| Duranta careada       | 4 8336 - 75 6827    | Campeste A | arbol         | 4,4          | 0,00-5,00 mts   |
| Duranta careada       | 4 8336 - 75 6826    | Campeste A | arbol         | 4,2          | 0,00-5,00 mts   |
| Duranta careada       | 4 8336 - 75 6827    | Campeste A | arbol         | 2,6          | 0,00-5,00 mts   |
| Tulipan afroano       | 4 8336 - 75 6827    | Campeste A | arbol         | 5,3          | 0,00-5,00 mts   |
| Tulipan afroano       | 4 8336 - 75 6825    | Campeste A | arbol         | 8,4          | 5,01-15,00 mts  |
| Tulipan afroano       | 4 8335 - 75 6825    | Campeste A | arbol         | 2,5          | 0,00-5,00 mts   |
| Draena                | 4 8335 - 75 6825    | Campeste A | arbol         | 1,8          | 0,00-5,00 mts   |
| Draena                | 4 8335 - 75 6825    | Campeste A | arbol         | 2            | 0,00-5,00 mts   |
| Draena                | 4 8335 - 75 6824    | Campeste A | arbol         | 1,6          | 0,00-5,00 mts   |
| Tulipan afroano       | 4 8335 - 75 6824    | Campeste A | arbol         | 2,6          | 0,00-5,00 mts   |
| Tulipan afroano       | 4 8335 - 75 6823    | Campeste A | arbol         | 2,7          | 0,00-5,00 mts   |
| Guanabano             | 4 8335 - 75 6823    | Campeste A | arbol         | 1,8          | 0,00-5,00 mts   |
| Tulipan afroano       | 4 8335 - 75 6822    | Campeste A | arbol         | 2,6          | 0,00-5,00 mts   |
| Tulipan afroano       | 4 8335 - 75 6822    | Campeste A | arbol         | 2,7          | 0,00-5,00 mts   |
| Francoesna            | 4 8334 - 75 6831    | Campeste A | arbol         | 1,8          | 0,00-5,00 mts   |
| Guayabo dulce         | 4 8330N - 75 6843W  | Campeste A | Arbol         | 4,3          | 0,00-5,00 mts   |
| Suingla               | 4 8329N - 75 6843W  | Campeste A | Arbusto       | 10           | 5,01-15,00 mts  |
| Suingla               | 4 8328N - 75 6842W  | Campeste A | Arbusto       | 11,2         | 5,01-15,00 mts  |
| Aguaate               | 4 8335N - 75 6852W  | Campeste A | Arbol         | 12           | 5,01-15,00 mts  |
| Mango                 | 4 8335N - 75 6852W  | Campeste A | Arbol         | 6,4          | 5,01-15,00 mts  |
| Casco de vaca         | 4 8335N - 75 6852W  | Campeste A | Arbol         | 6,2          | 5,01-15,00 mts  |
| Palma areca           | 4 8341N - 75 6827W  | Campeste A | Palma         | 3,4          | 2,01-5,00 mts   |
| Palma areca           | 4 8341N - 75 6827W  | Campeste A | Palma         | 3,2          | 2,01-5,00 mts   |
| Tulipan afroano       | 4 8342N - 75 6827W  | Campeste A | Arbol         | 8,5          | 5,01-10,00 mts  |
| Aguaate               | 4 833175810247199   | Campeste B | Arbol         | 9,8          | 5,01-10,00 mts  |
| Tulipan afroano       | 4 833414036377682   | Campeste B | Arbol         | 7,2          | 5,01-10,00 mts  |
| Palma areca           | 4 832427127668505   | Campeste B | Arbol         | 5,1          | 5,01-10,00 mts  |
| Palma cubana          | 4 832470892713252   | Campeste B | Palma         | 8,1          | 5,01-10,00 mts  |
| Araucaria             | 4 832482655073455   | Campeste B | Arbol         | 5,1          | 2,01-5,00 mts   |
| Palma de coco         | 4 832610539941771   | Campeste B | Arbol         | 6            | 5,01-10,00 mts  |
| Aguaate               | 4 832644616533835   | Campeste B | Arbol         | 7,1          | 5,01-10,00 mts  |
| Guayabo dulce         | 4 832640273438862   | Campeste B | Arbol         | 5,6          | 5,01-10,00 mts  |
| Higuero de hoja ancha | 4 83292057004963    | Campeste B | Arbol         | 15,6         | 15,01-28,00 mts |
| Guayabo dulce         | 4 8330745827981705  | Campeste B | Arbol         | 4,7          | 2,01-5,00 mts   |
| Mango                 | 4 833097634594841   | Campeste B | Arbol         | 5            | 2,01-5,00 mts   |
| Aguaate               | 4 833136054254234   | Campeste B | Arbol         | 5,1          | 5,01-10,00 mts  |
| Guayabo dulce         | 4 833295078212517   | Campeste B | Arbol         | 5,8          | 5,01-10,00 mts  |
| Palma quency          | 4 831873883782848   | Campeste B | Palma         | 7,2          | 5,01-10,00 mts  |
| Palma quency          | 4 83186753617527    | Campeste B | Palma         | 7,5          | 5,01-10,00 mts  |
| Palma quency          | 4 831977450003219   | Campeste B | Palma         | 7,1          | 5,01-10,00 mts  |
| Bamb   amarillo       | 4 83193000994553    | Campeste B | Herbacea rizo | 0            | 0,00-2,00 mts   |
| Palma quency          | 4 831887915336207   | Campeste B | Palma         | 6,1          | 5,01-10,00 mts  |
| Palma quency          | 4 831865865752213   | Campeste B | Palma         | 5,3          | 5,01-10,00 mts  |
| Palma zanconia        | 4 831854506875338   | Campeste B | Palma         | 5,8          | 5,01-10,00 mts  |
| Palma quency          | 4 831895265197376   | Campeste B | Palma         | 7,1          | 5,01-10,00 mts  |
| Palma quency          | 4 831880585474948   | Campeste B | Palma         | 5,5          | 5,01-10,00 mts  |
| Tulipan afroano       | 4 831477659322681   | Campeste B | Arbol         | 6            | 5,01-10,00 mts  |
| Palma areca           | 4 83203357620635    | Campeste B | Palma         | 5,2          | 5,01-10,00 mts  |
| Palma areca           | 4 832081350292275   | Campeste B | Palma         | 4,9          | 2,01-5,00 mts   |
| Mandarino             | 4 832050948601624   | Campeste B | Arbol         | 0,53-5,3     | 0,00-2,00 mts   |
| Mango                 | 4 832031905783713   | Campeste B | Arbol         | 5,9          | 5,01-10,00 mts  |
| Mango                 | 4 831988140708938   | Campeste B | Arbol         | 6,9          | 5,01-10,00 mts  |
| Guanabano             | 4 832000522119887   | Campeste B | Herbacea rizo | 6,2          | 5,01-10,00 mts  |
| Bamb   amarillo       | 4 831961514802965   | Campeste B | Herbacea rizo | 0            | 0,00-2,00 mts   |
| Bamb   amarillo       | 4 831949712974204   | Campeste B | Herbacea rizo | 0            | 0,00-2,00 mts   |
| Cedro negro           | 4 831584566451098   | Campeste B | Arbol         | 17,9         | 15,01-28,00 mts |
| Nogal cafetero        | 4 831504720191140   | Campeste B | Arbol         | 15,6         | 15,01-28,00 mts |
| Nogal cafetero        | 4 831560512348674   | Campeste B | Arbol         | 13,2         | 10,01-15,00 mts |
| Leucaena              | 4 831557839670575   | Campeste B | Arbol         | 5,1          | 5,01-10,00 mts  |
| Mango                 | 4 831574543908521   | Campeste B | Arbol         | 4,7          | 2,01-5,00 mts   |
| Sauce loron           | 4 831609956891624   | Campeste B | Arbol         | 14,9         | 10,01-15,00 mts |
| Guayacan rosado       | 4 831722209354116   | Campeste B | Arbol         | 9,4          | 5,01-10,00 mts  |
| Bamb   amarillo       | 4 831720538930703   | Campeste B | Herbacea rizo | 0            | 0,00-2,00 mts   |
| Bamb   amarillo       | 4 83173256597918    | Campeste B | Herbacea rizo | 0            | 0,00-2,00 mts   |
| Aguaate               | 4 831901612804674   | Campeste B | Arbol         | 2,4          | 2,01-5,00 mts   |
| Acacia amarilla       | 4 83192586894999    | Campeste B | Arbol         | 5,7          | 5,01-10,00 mts  |
| Tulipan afroano       | 4 831942371123888   | Campeste B | Arbol         | 3,1          | 2,01-5,00 mts   |
| Tulipan afroano       | 4 83199315197718    | Campeste B | Arbol         | 3,9          | 2,01-5,00 mts   |
| Cedro rosado          | 4 831961748028878   | Campeste B | Arbol         | 8,9          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 831968091128202   | Campeste B | Arbol         | 6,5          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 831969431973819   | Campeste B | Arbol         | 5,9          | 5,01-10,00 mts  |
| Casco de vaca         | 4 831947048307912   | Campeste B | Arbol         | 6            | 5,01-10,00 mts  |
| Acacia amarilla       | 4 831952727475993   | Campeste B | Arbol         | 6,1          | 5,01-10,00 mts  |
| Guayacan rosado       | 4 831882235807986   | Campeste B | Arbol         | 6,5          | 5,01-10,00 mts  |
| Aguaate               | 4 8318932650689797  | Campeste B | Arbol         | 6,9          | 5,01-10,00 mts  |
| Aguaate               | 4 831878905442099   | Campeste B | Arbol         | 5,4          | 5,01-10,00 mts  |
| Nispero japonés       | 4 832016537895165   | Campeste B | Arbol         | 6,2          | 5,01-10,00 mts  |
| Aguaate               | 4 831825107428408   | Campeste B | Arbol         | 5,3          | 5,01-10,00 mts  |
| Aguaate               | 4 831787689048653   | Campeste B | Arbol         | 5,9          | 5,01-10,00 mts  |
| Naranja               | 4 831846154759864   | Campeste B | Arbol         | 3,2          | 2,01-5,00 mts   |
| Naranja               | 4 8318535046214794  | Campeste B | Arbol         | 3,6          | 2,01-5,00 mts   |
| Naranja               | 4 831825107428408   | Campeste B | Arbol         | 0,31 - 3,10  | 0,00-2,00 mts   |
| Naranja               | 4 831817423481837   | Campeste B | Arbol         | 0,41 - 4,10  | 0,00-2,00 mts   |
| Naranja               | 4 83186085448301175 | Campeste B | Arbol         | 5,1          | 5,01-10,00 mts  |
| Aguaate               | 4 8318468220201     | Campeste B | Arbol         | 4,5          | 2,01-5,00 mts   |
| Palma areca           | 4 831902615058469   | Campeste B | Palma         | 6,6          | 5,01-10,00 mts  |
| Naranja               | 4 8318247733437705  | Campeste B | Arbol         | 3,2          | 2,01-5,00 mts   |
| Aguaate               | 4 831882904067176   | Campeste B | Arbol         | 3,9          | 2,01-5,00 mts   |
| Palma areca           | 4 8318511960291605  | Campeste B | Palma         | 6            | 5,01-10,00 mts  |
| Palma areca           | 4 831896601537568   | Campeste B | Palma         | 5,9          | 5,01-10,00 mts  |
| Palma areca           | 4 831869503366561   | Campeste B | Palma         | 6,1          | 5,01-10,00 mts  |
| Palma areca           | 4 8319009649194746  | Campeste B | Palma         | 6,5          | 5,01-10,00 mts  |
| Palma areca           | 4 831900276466305   | Campeste B | Palma         | 3,8          | 2,01-5,00 mts   |
| Aguaate               | 4 831882904067176   | Campeste B | Arbol         | 6,7          | 5,01-10,00 mts  |
| Aguaate               | 4 8318511960291605  | Campeste B | Arbol         | 6,9          | 5,01-10,00 mts  |
| Palma areca           | 4 832130480712739   | Campeste B | Palma         | 7,3          | 5,01-10,00 mts  |
| Palma areca           | 4 832167878173576   | Campeste B | Palma         | 7,9          | 5,01-10,00 mts  |
| Palma areca           | 4 832010690882829   | Campeste B | Palma         | 8,3          | 5,01-10,00 mts  |
| Benjamin careado      | 4 832374008255565   | Campeste B | Arbol         | 5,9          | 5,01-10,00 mts  |
| Almendro              | 4 832539714078207   | Campeste B | Arbol         | 7,3          | 5,01-10,00 mts  |
| Pino libro            | 4 832587822212791   | Campeste B | Arbol         | 4,6          | 2,01-5,00 mts   |
| Pino velia            | 4 832568111241433   | Campeste B | Arbol         | 4,9          | 2,01-5,00 mts   |
| Palma areca           | 4 8327665726580     | Campeste B | Palma         | 5,1          | 5,01-10,00 mts  |
| Carbonero zorro       | 4 83196406620827    | Campeste B | Arbol         | 8,3          | 5,01-10,00 mts  |
| Casco de vaca         | 4 83200618127444    | Campeste B | Arbol         | 13,6         | 10,01-15,00 mts |
| Urapan                | 4 832016537895165   | Campeste B | Arbol         | 1,12 - 12,10 | 0,00-2,00 mts   |
| Carbonero zorro       | 4 832025558177624   | Campeste B | Arbol         | 0,77 - 7,70  | 0,00-2,00 mts   |
| Guayacan rosado       | 4 8321294584503     | Campeste B | Arbol         | 0,84 - 8,40  | 0,00-2,00 mts   |
| Palma areca           | 4 832195273098946   | Campeste B | Palma         | 6,9          | 5,01-10,00 mts  |
| Cacao de monte        | 4 8322047289619335  | Campeste B | Arbol         | 5            | 2,01-5,00 mts   |
| Milonaria careada     | 4 832301846020778   | Campeste B | Arbusto       | 5,2          | 5,01-10,00 mts  |
| Naranja               | 4 832312670814765   | Campeste B | Arbol         | 4,6          | 2,01-5,00 mts   |
| Palma yuca            | 4 832332915877935   | Campeste B | Arbusto       | 6,8          | 5,01-10,00 mts  |

| NOM_COM            | COORDENADA                            | BARRIO      | HAB_CRECIU    | H. mts. 1   | Rango_ajtu      |
|--------------------|---------------------------------------|-------------|---------------|-------------|-----------------|
| Mango              | 4.8323519586873855,-75.69139022390114 | Campoeste B | arbol         | 3,8         | 2,01-5,00 mts   |
| Palma areca        | 4.832512319166857,-75.69114916026592  | Campoeste B | Palma         | 0,25 - 2,50 | 0,00-2,00 mts   |
| Mango              | 4.832547398016661,-75.69112602821317  | Campoeste B | arbol         | 3,9         | 2,01-5,00 mts   |
| Milfanaria careada | 4.83261688754239,-75.69100331515074   | Campoeste B | Arbusto       | 5,2         | 5,01-10,00 mts  |
| Palma areca        | 4.8327234604092695,-75.69084472954373 | Campoeste B | Palma         | 4,9         | 2,01-5,00 mts   |
| Palma areca        | 4.832754530235759,-75.69079343229532  | Campoeste B | Palma         | 6,9         | 5,01-10,00 mts  |
| Palma quency       | 4.832753193899069,-75.69080815444492  | Campoeste B | Palma         | 3,2         | 2,01-5,00 mts   |
| Palma areca        | 4.83274951897314,-75.69080885499716   | Campoeste B | Palma         | 7,9         | 5,01-10,00 mts  |
| Enebro             | 4.832811658626974,-75.69070626050234  | Campoeste B | arbol         | 2,2         | 2,01-5,00 mts   |
| Dracena            | 4.832816335804981,-75.6907119601965   | Campoeste B | Arbusto       | 8,1         | 5,01-10,00 mts  |
| Palma areca        | 4.832842360283505,-75.6906812614374   | Campoeste B | Palma         | 5,8         | 5,01-10,00 mts  |
| Palma areca        | 4.83282635832392,-75.6906882614374    | Campoeste B | Palma         | 5,6         | 5,01-10,00 mts  |
| Guayacan rosado    | 4.8328530850597,-75.69065754546394    | Campoeste B | arbol         | 9,9         | 5,01-10,00 mts  |
| Guayacan rosado    | 4.832860121097495,-75.69061037153006  | Campoeste B | arbol         | 8,5         | 5,01-10,00 mts  |
| Palma yuca         | 4.832931928908542,-75.69055226876011  | Campoeste B | Arbusto       | 5,1         | 5,01-10,00 mts  |
| Mango              | 4.83319618936899,-75.69072268903257   | Campoeste B | arbol         | 6,7         | 5,01-10,00 mts  |
| Palma cubana       | 4.833238818029912,-75.690668353473471 | Campoeste B | Palma         | 8,3         | 5,01-10,00 mts  |
| Palma del viajero  | 4.833150410985438,-75.6905734911561   | Campoeste B | Palma         | 7,2         | 5,01-10,00 mts  |
| Palma yuca         | 4.833295078212517,-75.69060400128385  | Campoeste B | Arbusto       | 5,7         | 5,01-10,00 mts  |
| Crato              | 4.833536954017847,-75.6901960780655   | Campoeste B | Arbusto       | 3,4         | 2,01-5,00 mts   |
| Crato              | 4.833562011201448,-75.69019999355078  | Campoeste B | Arbusto       | 0,32 - 3,20 | 0,00-2,00 mts   |
| Mango              | 4.833587735951639,-75.69015573710203  | Campoeste B | arbol         | 8,1         | 5,01-10,00 mts  |
| Mango              | 4.8337123488883593,-75.69001257419596 | Campoeste B | arbol         | 0,88 - 8,80 | 0,00-2,00 mts   |
| Mandarino          | 4.833736402909633,-75.6900299106932   | Campoeste B | arbol         | 5,6         | 5,01-10,00 mts  |
| Benjamin           | 4.8341403099694436,-75.68999111652374 | Campoeste B | arbol         | 24,1        | 15,01-28,00 mts |
| Mango              | 4.8339318418396084,-75.68992741405964 | Campoeste B | arbol         | 5,6         | 5,01-10,00 mts  |
| Palma yuca         | 4.833909792322128,-75.689901257419596 | Campoeste B | Arbusto       | 7,2         | 5,01-10,00 mts  |
| Mango              | 4.833918479495764,-75.68984158337116  | Campoeste B | arbol         | 6,4         | 5,01-10,00 mts  |
| Palma areca        | 4.833898740553089,-75.689829917815447 | Campoeste B | Palma         | 6,9         | 5,01-10,00 mts  |
| Limon tahiti       | 4.833921819331751,-75.68974267891374  | Campoeste B | arbol         | 2,4         | 2,01-5,00 mts   |
| Grovello dulce     | 4.834143650804936,-75.68973530083895  | Campoeste B | arbol         | 4           | 2,01-5,00 mts   |
| Saoco              | 4.83405712317533,-75.68979296833277   | Campoeste B | Arbusto       | 2,3         | 2,01-5,00 mts   |
| Saoco              | 4.834020708069489,-75.68978793919086  | Campoeste B | Arbusto       | 2,5         | 2,01-5,00 mts   |
| Bamb   amarillo    | 4.834357738289523,-75.68954084068537  | Campoeste B | Herbacea rizo | 0           | 0,00-2,00 mts   |
| Bamb   amarillo    | 4.834283297688068,-75.68947982043028  | Campoeste B | Herbacea rizo | 0           | 0,00-2,00 mts   |
| Sulingia           | 4.83401402639845,-75.68946674486133   | Campoeste B | arbol         | 0,58 - 5,80 | 0,00-2,00 mts   |
| Palma areca        | 4.834341428200577,-75.689183483633413 | Campoeste B | Palma         | 6,9         | 5,01-10,00 mts  |
| Palma areca        | 4.834325058114212,-75.689185783267    | Campoeste B | Palma         | 5,7         | 5,01-10,00 mts  |
| Jazmin de noche    | 4.834268932100884,-75.68917069584131  | Campoeste B | Arbusto       | 2,5         | 2,01-5,00 mts   |
| Quebrabrango       | 4.834407910792087,-75.68914018571377  | Campoeste B | arbol         | 6,3         | 5,01-10,00 mts  |
| Caracoli           | 4.834423612709726,-75.68905142525434  | Campoeste B | arbol         | 7,2         | 5,01-10,00 mts  |
| Guayabo dulce      | 4.834402565458343,-75.6890272064934   | Campoeste B | arbol         | 4,5         | 2,01-5,00 mts   |
| Caracoli           | 4.834355125619486,-75.688844807448    | Campoeste B | arbol         | 8,4         | 5,01-10,00 mts  |
| Caracoli           | 4.834374502455451,-75.688880734447    | Campoeste B | arbol         | 8           | 5,01-10,00 mts  |
| Caracoli           | 4.834320401198397,-75.68884246051311  | Campoeste B | arbol         | 8,1         | 5,01-10,00 mts  |
| Caracoli           | 4.8343868363540208,-75.6888199701282  | Campoeste B | arbol         | 9,3         | 5,01-10,00 mts  |
| Caracoli           | 4.8343340783695933,-75.68880960345268 | Campoeste B | arbol         | 9           | 5,01-10,00 mts  |
| Caracoli           | 4.834368488954685,-75.68871606141329  | Campoeste B | arbol         | 7,9         | 5,01-10,00 mts  |
| Caracoli           | 4.834389870290515,-75.68873517215262  | Campoeste B | arbol         | 8,2         | 5,01-10,00 mts  |
| Cacao de monte     | 4.834136635051034,-75.68864212523699  | Campoeste B | arbol         | 0,55 - 5,50 | 0,00-2,00 mts   |
| arbol pulpo        | 4.83405979584357,-75.68862728537321   | Campoeste B | arbol         | 4,9         | 2,01-5,00 mts   |
| Palma areca        | 4.83370261451687,-75.6883926759958    | Campoeste B | Palma         | 7,6         | 5,01-10,00 mts  |
| Guayacan rosado    | 4.833838632510806,-75.68839473358154  | Campoeste B | arbol         | 12,8        | 10,01-15,00 mts |
| arbol pulpo        | 4.8337253781478005,-75.6883520822594  | Campoeste B | arbol         | 8,2         | 5,01-10,00 mts  |
| arbol pulpo        | 4.833784176875498,-75.6882642378807   | Campoeste B | arbol         | 8,6         | 5,01-10,00 mts  |
| Mango              | 4.833732059821657,-75.6884027069211   | Campoeste B | arbol         | 5,4         | 5,01-10,00 mts  |
| Cacao de monte     | 4.833675599675476,-75.68848305662394  | Campoeste B | arbol         | 5,7         | 5,01-10,00 mts  |
| Benjamin           | 4.833670588419676,-75.68852240409839  | Campoeste B | arbol         | 10          | 5,01-10,00 mts  |
| arbol pulpo        | 4.833585731149061,-75.68853514099121  | Campoeste B | arbol         | 5,4         | 5,01-10,00 mts  |
| Palma areca        | 4.833575708639688,-75.68853505327702  | Campoeste B | Palma         | 3,3         | 2,01-5,00 mts   |
| arbol pulpo        | 4.833544304761129,-75.68860387259722  | Campoeste B | arbol         | 5,9         | 5,01-10,00 mts  |
| Casco de vaca      | 4.83351557395511,-75.68871652537584   | Campoeste B | arbol         | 9,2         | 5,01-10,00 mts  |
| arbol pulpo        | 4.83453433965817,-75.6886812079072    | Campoeste B | arbol         | 8,1         | 5,01-10,00 mts  |
| arbol pulpo        | 4.8341100531825,-75.68865030055046    | Campoeste B | arbol         | 7,2         | 5,01-10,00 mts  |
| Carbonero zorro    | 4.833765948808604,-75.6886945699992   | Campoeste B | arbol         | 7,2         | 5,01-10,00 mts  |
| Carbonero zorro    | 4.833321136756734,-75.69001659750938  | Campoeste B | arbol         | 8,5         | 5,01-10,00 mts  |
| Guayacan rosado    | 4.83320487555167,-75.69013327360153   | Campoeste B | arbol         | 12          | 10,01-15,00 mts |
| Guayacan rosado    | 4.833171801230698,-75.69023486226707  | Campoeste B | arbol         | 8,9         | 5,01-10,00 mts  |
| Warneke verde      | 4.833099973182872,-75.69032035768032  | Campoeste B | arbol         | 5,1         | 5,01-10,00 mts  |
| Casco de vaca      | 4.833072244210051,-75.69034047424793  | Campoeste B | arbol         | 11,4        | 10,01-15,00 mts |
| Palma quency       | 4.833143404101886,-75.69041557610034  | Campoeste B | Palma         | 6,5         | 5,01-10,00 mts  |
| Palma areca        | 4.8331557652090655,-75.69038942456245 | Campoeste B | Palma         | 6           | 5,01-10,00 mts  |
| Guayabo dulce      | 4.833583302962722,-75.68888074027538  | Campoeste B | arbol         | 4,2         | 2,01-5,00 mts   |
| Aguacate           | 4.833601090020211,-75.6877736022068   | Campoeste B | arbol         | 0,43 - 4,3  | 0,00-2,00 mts   |
| Aguacate           | 4.833543636953561,-75.68777058273554  | Campoeste B | arbol         | 4           | 2,01-5,00 mts   |
| Cedro de montana   | 4.833008121904108,-75.68786968183537  | Campoeste B | arbol         | 4,6         | 2,01-5,00 mts   |
| Urapan             | 4.833024157918931,-75.68800125271082  | Campoeste B | arbol         | 12,5        | 10,01-15,00 mts |
| Aguacate           | 4.834139975885951,-75.68837106227673  | Campoeste B | arbol         | 5,8         | 5,01-10,00 mts  |
| Palma yuca         | 4.8330054492932584,-75.68804617971182 | Campoeste B | Arbusto       | 3,6         | 2,01-5,00 mts   |
| Aguacate           | 4.8338974312286815,-75.68806260240203 | Campoeste B | arbol         | 0,51 - 5,10 | 0,00-2,00 mts   |
| Limon mandarino    | 4.8330315077596027,-75.68802002817392 | Campoeste B | arbol         | 2,8         | 2,01-5,00 mts   |
| Guayabo dulce      | 4.834088192043006,-75.68828321993351  | Campoeste B | arbol         | 4,8         | 2,01-5,00 mts   |
| Palma areca        | 4.834079172888014,-75.68820495450795  | Campoeste B | Palma         | 5,1         | 5,01-10,00 mts  |
| Guayacan amarillo  | 4.834095542780308,-75.68829526987408  | Campoeste B | arbol         | 3,3         | 2,01-5,00 mts   |
| Guayacan amarillo  | 4.83412460804524,-75.68838212639093   | Campoeste B | arbol         | 3,5         | 2,01-5,00 mts   |
| Guayacan amarillo  | 4.834196101909978,-75.68844616413116  | Campoeste B | arbol         | 2,5         | 2,01-5,00 mts   |
| Palma areca        | 4.834117258208242,-75.68838749080896  | Campoeste B | Palma         | 2,4         | 2,01-5,00 mts   |
| Leucaena           | 4.83436635051034,-75.68817995488644   | Campoeste B | arbol         | 4,2         | 2,01-5,00 mts   |
| Fycus lira         | 4.8340831818902465,-75.68796571344137 | Campoeste B | arbol         | 7,4         | 5,01-10,00 mts  |
| Bamb   amarillo    | 4.834049105170534,-75.68779539316893  | Campoeste B | Herbacea rizo | 0           | 0,00-2,00 mts   |
| arbol pulpo        | 4.834023714821404,-75.68775393076893  | Campoeste B | arbol         | 3,6         | 2,01-5,00 mts   |
| Palma areca        | 4.833902645050764,-75.68796941705942  | Campoeste B | Palma         | 2,6         | 2,01-5,00 mts   |
| Palma areca        | 4.833074604538149,-75.6876827403903   | Campoeste B | Palma         | 4,7         | 2,01-5,00 mts   |
| Bamb   amarillo    | 4.83305227890701,-75.6876452474022    | Campoeste B | Herbacea rizo | 0           | 0,00-2,00 mts   |
| Aguacate           | 4.833881061131604,-75.68743664771318  | Campoeste B | arbol         | 4,6         | 2,01-5,00 mts   |
| Naranja            | 4.833856670776164,-75.68742290139198  | Campoeste B | arbol         | 5,2         | 5,01-10,00 mts  |
| Palma areca        | 4.833877720295415,-75.68740949034691  | Campoeste B | Palma         | 6,2         | 5,01-10,00 mts  |
| Urapan             | 4.833918812579371,-75.68735618144274  | Campoeste B | arbol         | 12,3        | 10,01-15,00 mts |
| Mango              | 4.83385433444165,-75.68806969914894   | Campoeste B | arbol         | 5,6         | 5,01-10,00 mts  |
| Mango              | 4.833609593284538,-75.68676911254499  | Campoeste B | arbol         | 5,9         | 5,01-10,00 mts  |
| Carbonero rojo     | 4.8330228215825445,-75.68683180958033 | Campoeste B | arbol         | 3,8         | 2,01-5,00 mts   |
| Limon mandarino    | 4.833003778817239,-75.68676106631756  | Campoeste B | arbol         | 5,5         | 5,01-10,00 mts  |
| Mango              | 4.83401937173526,-75.68649385124444   | Campoeste B | arbol         | 5,7         | 5,01-10,00 mts  |
| Limon mandarino    | 4.834050441504670,-75.68649418652058  | Campoeste B | arbol         | 2,5         | 2,01-5,00 mts   |
| Naranja            | 4.83419209290842,-75.6864646822141    | Campoeste B | arbol         | 3,8         | 2,01-5,00 mts   |
| Aguacate           | 4.834617381025188,-75.68685963740886  | Campoeste B | arbol         | 0,48 - 4,8  | 2,01-5,00 mts   |
| Mandarino          | 4.834678852341288,-75.68712450663908  | Campoeste B | arbol         | 5           | 2,01-5,00 mts   |
| Aguacate           | 4.83470190408336,-75.68729616701603   | Campoeste B | arbol         | 7           | 5,01-10,00 mts  |
| Urapan             | 4.834689498010915,-75.68832647055387  | Campoeste B | arbol         | 17,1        | 15,01-28,00 mts |
| Benjamin           | 4.83457328203413,-75.68845680296722   | Campoeste B | arbol         | 15,7        | 15,01-28,00 mts |
| Palma corozo       | 48320-756883                          | Campoeste B | Palma         | 8,5         | 5,01-15,00 mts  |
| Palma areca        | 4.8341N - 75.6885W                    | Campoeste B | Palma         | 1,6         | 0,00-5,00 mts   |
| Palma areca        | 4.8341N - 75.6885W                    | Campoeste B | Palma         | 1,6         | 0,00-5,00 mts   |

| NOM. COM           | COORDENADA                            | BARRIO                  | HAB. CRECII | H. mts. 1    | Ranop. altu       |
|--------------------|---------------------------------------|-------------------------|-------------|--------------|-------------------|
| Siete cueros       | 48323295 -75 67031423                 | Campestre B             | arbol       | 2,6          | 0,00-5,00 mts     |
| Nanajo             | 48323295 -75 67031423                 | Campestre B             | arbol       | 4,2          | 0,00-5,00 mts     |
| Aguate             | 48323295 -75 67031423                 | Campestre B             | arbol       | 7,3          | 5,01-15,00 mts    |
| Mandarino          | 48323295 -75 67031423                 | Campestre B             | arbol       | 4,3          | 0,00-5,00 mts     |
| Mandarino          | 48323295 -75 67031423                 | Campestre B             | arbol       | 6,2          | 5,01-15,00 mts    |
| Aguate             | 48320 -756891                         | Campestre B             | arbol       | 4,6          | 0,00-5,00 mts     |
| Aguate             | 48320 -756891                         | Campestre B             | arbol       | 8,4          | 5,01-15,00 mts    |
| Francesina         | 48320 -756891                         | Campestre B             | arbol       | 2,2          | 0,00-5,00 mts     |
| Aguate             | 48320 -756891                         | Campestre B             | arbol       | 7,7          | 5,01-15,00 mts    |
| Tulipan afroano    | 48314 -756880                         | Campestre B             | arbol       | 5,9          | 5,01-15,00 mts    |
| Palma corozo       | 48320-756883                          | Campestre B             | Palma       | 8,5          | 5,01-15,00 mts    |
| Aguate             | 48320-756883                          | Campestre B             | arbol       | 5,2          | 5,01-15,00 mts    |
| Tulipan afroano    | 48320-756883                          | Campestre B             | arbol       | 8,2          | 5,01-15,00 mts    |
| Balso tambor       | 48346-756873                          | Campestre B             | arbol       | 7,5          | 5,01-15,00 mts    |
| Palma area         | 4 831868872513702 -75 6900336131571   | Campestre B Santa Elena | Palma       | 4,5          | 2,01-5,00 mts     |
| Palma area         | 4 831754049652174 -75 68609043154476  | Campestre B Santa Elena | Palma       | 7,3          | 5,01-10,00 mts    |
| Palma area         | 4 831702830442269 -75 68687645206836  | Campestre B Santa Elena | Palma       | 7,1          | 5,01-10,00 mts    |
| Mirto              | 4 831654724344964 -75 68671652537584  | Campestre B Santa Elena | Arbusto     | 2,6          | 2,01-5,00 mts     |
| Mirto              | 4 83159026179930 -75 6867047907114    | Campestre B Santa Elena | Arbusto     | 2,5          | 2,01-5,00 mts     |
| Araucaria          | 4 831563185026773 -75 6866273415061   | Campestre B Santa Elena | Arbol       | 16,7         | 15,01-28,00 mts   |
| Araucaria          | 4 831677442005229 -75 6866406187534   | Campestre B Santa Elena | arbol       | 10,8         | 10,01-15,00 mts   |
| Mango              | 4 831702830442269 -75 686640620787334 | Campestre B Santa Elena | arbol       | 5,9          | 5,01-10,00 mts    |
| Aguate             | 4 83178026287251 -75 68659799805164   | Campestre B Santa Elena | arbol       | 19,4         | 15,01-28,00 mts   |
| Araucaria          | 4 8318074009407708 -75 68647514404964 | Campestre B Santa Elena | arbol       | 15,2         | 15,01-28,00 mts   |
| Mango              | 4 8317353513260935 -75 68646686122804 | Campestre B Santa Elena | arbol       | 5,9          | 5,01-10,00 mts    |
| Guayacan rosado    | 4 831706567373871 -75 68650389645332  | Campestre B Santa Elena | arbol       | 7,8          | 5,01-10,00 mts    |
| Aguate             | 4 831730666710490 -75 68647680294514  | Campestre B Santa Elena | arbol       | 7,8          | 5,01-10,00 mts    |
| Guayabo dulce      | 4 83172990223897 -75 68641812962294   | Campestre B Santa Elena | arbol       | 6,4          | 5,01-10,00 mts    |
| Mango              | 4 831782206614704 -75 68643902257117  | Campestre B Santa Elena | arbol       | 9,15         | 5,01-10,00 mts    |
| Guayacan rosado    | 4 8318404956060653 -75 68643388177252 | Campestre B Santa Elena | arbol       | 12,2         | 10,01-15,00 mts   |
| Guayacan rosado    | 4 831835708136518 -75 68642248821259  | Campestre B Santa Elena | arbol       | 9,4          | 5,01-10,00 mts    |
| Aguate             | 4 83164002481732 -75 6865250811108    | Campestre B Santa Elena | arbol       | 10,5         | 10,01-15,00 mts   |
| Mirto              | 4 83182276883575 -75 68631385874748   | Campestre B Santa Elena | arbol       | 7,4          | 5,01-10,00 mts    |
| Zapote             | 4 831756285990835 -75 68606474858522  | Campestre B Santa Elena | arbol       | 7,9          | 5,01-10,00 mts    |
| Guayabo dulce      | 4 835892250518997 -75 69206144660711  | Campestre C Guadalupe   | arbol       | 7            | 5,01-10,00 mts    |
| Guayabo dulce      | 4 8359002593848 -75 69211844354868    | Campestre C Guadalupe   | arbol       | 6,7          | 5,01-10,00 mts    |
| Guayabo dulce      | 4 835745245154151 -75 69204367697239  | Campestre C Guadalupe   | arbol       | 8,9          | 5,01-10,00 mts    |
| Guamo santafereño  | 4 8357014803192415 -75 69321379065514 | Campestre C Guadalupe   | arbol       | 12           | 10,01-15,00 mts   |
| Aguate             | 4 835273520219694 -75 69148207872065  | Campestre C Guadalupe   | arbol       | 13,3         | 10,01-15,00 mts   |
| Carbonero rojo     | 4 835079083925881 -75 69182373583517  | Campestre C Guadalupe   | arbol       | 3,2          | 2,01-5,00 mts     |
| Mango              | 4 835034650881826 -75 69177347938442  | Campestre C Guadalupe   | arbol       | 4,1          | 2,01-5,00 mts     |
| Nanajo             | 4 835089061434964 -75 69173087877274  | Campestre C Guadalupe   | arbol       | 2,7          | 2,01-5,00 mts     |
| Nanajo             | 4 83505522947511 -75 6918753683567    | Campestre C Guadalupe   | arbol       | 2,6          | 2,01-5,00 mts     |
| Aguate             | 4 835078415759826 -75 69180127233267  | Campestre C Guadalupe   | arbol       | 6,5          | 5,01-10,00 mts    |
| Cedro rosado       | 4 834974181847263 -75 69180869720282  | Campestre C Guadalupe   | arbol       | 6 - 14,0     | 5,01-10,00 mts    |
| Aguate             | 4 834942109870942 -75 6918045673871   | Campestre C Guadalupe   | arbol       | 0,82-8,2     | 0,00-2,00 mts     |
| Guayabo dulce      | 4 834899013150385 -75 6916617974639   | Campestre C Guadalupe   | arbol       | 7,5          | 5,01-10,00 mts    |
| Guayabo dulce      | 4 834858479942385 -75 69160093705654  | Campestre C Guadalupe   | arbol       | 2,8          | 2,01-5,00 mts     |
| Aguate             | 4 834856250510201 -75 69182340055704  | Campestre C Guadalupe   | arbol       | 9,3          | 5,01-10,00 mts    |
| Aguate             | 4 834823176278838 -75 69190587848426  | Campestre C Guadalupe   | arbol       | 7,2          | 5,01-10,00 mts    |
| Aguate             | 4 835115164891839 -75 69195214658076  | Campestre C Guadalupe   | arbol       | 6,2          | 5,01-10,00 mts    |
| Aguate             | 4 83507063884082 -75 69195985794069   | Campestre C Guadalupe   | arbol       | 5,4          | 5,01-10,00 mts    |
| Aguate             | 4 835001242578105 -75 69188140332699  | Campestre C Guadalupe   | arbol       | 3,5          | 2,01-5,00 mts     |
| Guanabano          | 4 835034650881826 -75 69193001836538  | Campestre C Guadalupe   | arbol       | 2,9          | 2,01-5,00 mts     |
| Guayabo dulce      | 4 835151245859826 -75 69180347326576  | Campestre C Guadalupe   | arbol       | 2,3          | 2,01-5,00 mts     |
| Guamo santafereño  | 4 83517195900102 -75 6920587643981    | Campestre C Guadalupe   | arbol       | 13,2         | 10,01-15,00 mts   |
| Palma area         | 4 835102135854347 -75 69204233586788  | Campestre C Guadalupe   | Palma       | 6,7          | 5,01-10,00 mts    |
| Guayabo dulce      | 4 83529312068886 -75 69190789014101   | Campestre C Guadalupe   | arbol       | 6,7          | 5,01-10,00 mts    |
| Aguate             | 4 835247795833505 -75 69190621378038  | Campestre C Guadalupe   | arbol       | 3,6 - 8,00   | 2,01-5,00 mts     |
| Guayacan rosado    | 4 83507063884082 -75 69219186902046   | Campestre C Guadalupe   | arbol       | 9,4          | 5,01-10,00 mts    |
| Gulanday           | 4 83505135034063 -75 692198574543     | Campestre C Guadalupe   | arbol       | 10,2         | 10,01-15,00 mts   |
| Aguate             | 4 83496880926946 -75 6923283264041    | Campestre C Guadalupe   | arbol       | 8,9          | 5,01-10,00 mts    |
| Palma area         | 4 835102489737368 -75 69312561303377  | Campestre C Guadalupe   | Palma       | 2,4          | 2,01-5,00 mts     |
| Acerola            | 4 834845109934754 -75 6935836022306   | Campestre C Guadalupe   | arbol       | 3            | 2,01-5,00 mts     |
| Aguate             | 4 8345706434511885 -75 69371972233057 | Campestre C Guadalupe   | arbol       | 6,1          | 5,01-10,00 mts    |
| Aguate             | 4 834511476825196 -75 69371771067381  | Campestre C Guadalupe   | arbol       | 6,7          | 5,01-10,00 mts    |
| Mango              | 4 834544550871735 -75 69373348865177  | Campestre C Guadalupe   | arbol       | 4,4          | 2,01-5,00 mts     |
| Palma area         | 4 834534528372949 -75 69378833736897  | Campestre C Guadalupe   | Palma       | 6,6          | 5,01-10,00 mts    |
| Liberalto          | 4 8345311875399775 -75 69367211312056 | Campestre C Guadalupe   | arbol       | 5,7          | 5,01-10,00 mts    |
| Palma yuca         | 4 834181402237471 -75 69211341440678  | Campestre C Guadalupe   | Arbusto     | 4,7          | 2,01-5,00 mts     |
| Palma robelini     | 4 8339939813850235 -75 69240678101778 | Campestre C Guadalupe   | Palma       | 3,2          | 2,01-5,00 mts     |
| Almendo            | 4 83307059532668 -75 69315947592258   | Campestre C Guadalupe   | arbol       | 5,3          | 5,01-10,00 mts    |
| Almendo            | 4 834047100669329 -75 6932323967048   | Campestre C Guadalupe   | arbol       | 4,7          | 2,01-5,00 mts     |
| Almendo            | 4 834101800367009 -75 6932707875967   | Campestre C Guadalupe   | arbol       | 4,8          | 2,01-5,00 mts     |
| Aguate             | 4 83378599184064 -75 69391710996929   | Campestre C Guadalupe   | arbol       | 0,64-4,4     | 0,00-2,00 mts     |
| Guayabo dulce      | 4 83342002582134 -75 69399542144775   | Campestre C Guadalupe   | arbol       | 6,8          | 5,01-10,00 mts    |
| Guayabo dulce      | 4 83318798169479 -75 69388065487146   | Campestre C Guadalupe   | arbol       | 5,7          | 5,01-10,00 mts    |
| Limon mandarina    | 4 83335836447916 -75 6938622146845    | Campestre C Guadalupe   | arbol       | 2,2          | 2,01-5,00 mts     |
| Mango              | 4 8332904010378055 -75 69383773952723 | Campestre C Guadalupe   | arbol       | 2,6          | 2,01-5,00 mts     |
| Mamey              | 4 833271024170803 -75 6938550916195   | Campestre C Guadalupe   | arbol       | 4,1          | 2,01-5,00 mts     |
| Aguate             | 4 833284721611321 -75 69381192326547  | Campestre C Guadalupe   | arbol       | 6,4          | 5,01-10,00 mts    |
| Mango              | 4 83326925092102 -75 69376766681671   | Campestre C Guadalupe   | arbol       | 4,1          | 2,01-5,00 mts     |
| Aguate             | 4 83332829692026 -75 69320272654295   | Campestre C Guadalupe   | arbol       | 12,7         | 10,01-15,00 mts   |
| Aguate             | 4 833235277109554 -75 69320272654295  | Campestre C Guadalupe   | arbol       | 2,5          | 2,01-5,00 mts     |
| Aguate             | 4 833237615778113 -75 69320418421507  | Campestre C Guadalupe   | arbol       | 3,5 - 8,00   | 2,01-5,00 mts     |
| Limon mandarina    | 4 832078366809488 -75 69323055446148  | Campestre C Guadalupe   | arbol       | 3,1          | 2,01-5,00 mts     |
| Chirimollo         | 4 832013220199479 -75 69333080202341  | Campestre C Guadalupe   | arbol       | 5,1          | 5,01-10,00 mts    |
| Aguate             | 4 832004534012955 -75 6933603032257   | Campestre C Guadalupe   | arbol       | 5,9          | 5,01-10,00 mts    |
| Araucaria          | 4 83200468807067 -75 6932620704174    | Campestre C Guadalupe   | arbol       | 8,9          | 5,01-10,00 mts    |
| Limon mandarina    | 4 83282669170568 -75 6933120269803    | Campestre C Guadalupe   | arbol       | 4,3          | 2,01-5,00 mts     |
| Palo de la cruz    | 4 832011215694902 -75 69331839660672  | Campestre C Guadalupe   | arbol       | 2,9          | 2,01-5,00 mts     |
| Guamo machete      | 4 832836380853267 -75 69315578788519  | Campestre C Guadalupe   | arbol       | 5,9          | 5,01-10,00 mts    |
| Palma area         | 4 832907727705002 -75 6927427276969   | Campestre C Guadalupe   | Palma       | 2,9          | 2,01-5,00 mts     |
| Guayabo dulce      | 4 833012443168432 -75 69269511848688  | Campestre C Guadalupe   | arbol       | 5,2          | 5,01-10,00 mts    |
| San Joaquín Creado | 4 83304885832840 -75 69268003106117   | Campestre C Guadalupe   | Arbusto     | 2,8          | 2,01-5,00 mts     |
| Mango              | 4 833174807995412 -75 69239806383848  | Campestre C Guadalupe   | arbol       | 7,4          | 5,01-10,00 mts    |
| Casco de vaca      | 4 83323141260101 -75 69218830691958   | Campestre C Guadalupe   | arbol       | 15,1         | 15,01-28,00 mts   |
| Borrachero         | 4 833394969293265 -75 69215197116137  | Campestre C Guadalupe   | arbol       | 2,8          | 2,01-5,00 mts     |
| Livistona          | 4 833202584812067 -75 69189079105854  | Campestre C Guadalupe   | Palma       | 6,9          | 5,01-10,00 mts    |
| Palo de la cruz    | 4 833787517712147 -75 6913174688816   | Campestre C Guadalupe   | arbol       | 5,1          | 5,01-10,00 mts    |
| Guayacan rosado    | 4 834070486516439 -75 69126681761174  | Campestre C Guadalupe   | arbol       | 1,03 - 11,30 | 10,01 - 15,00 mts |
| Acacia de siam     | 4 834718274160804 -75 69270081818104  | Campestre C Guadalupe   | arbol       | 16,1         | 15,01-28,00 mts   |
| Palma yuca         | 4 83475836414401 -75 69257710129023   | Campestre C Guadalupe   | Arbusto     | 8            | 5,01-10,00 mts    |
| Palma area         | 4 834498781459376 -75 6914971788856   | Campestre C Guadalupe   | Palma       | 6,5          | 5,01-10,00 mts    |
| Yarumo negro       | 4 834655132431925 -75 69107506424189  | Campestre C Guadalupe   | arbol       | 9,2          | 5,01-10,00 mts    |
| Aguate             | 4 834541210038827 -75 69096576422453  | Campestre C Guadalupe   | arbol       | 6,3          | 5,01-10,00 mts    |
| Mango              | 4 834143316720843 -75 69097179919481  | Campestre C Guadalupe   | arbol       | 6,1          | 5,01-10,00 mts    |
| Araucaria          | 4 83114891979713 -75 68664774298668   | Campestre D Los Olivos  | arbol       | 13,1         | 10,01-15,00 mts   |
| Aguate             | 4 831099141135735 -75 68662963807581  | Campestre D Los Olivos  | arbol       | 6,9          | 5,01-10,00 mts    |
| Araucaria          | 4 83035105386210 -75 68646501749755   | Campestre D Los Olivos  | arbol       | 12,8         | 10,01-15,00 mts   |
| Palma area         | 4 830885994878935 -75 686458311975    | Campestre D Los Olivos  | Palma       | 10,2         | 10,01-15,00 mts   |
| Tulipan afroano    | 4 830907913378278 -75 68637549877187  | Campestre D Los Olivos  | arbol       | 4            | 2,01-5,00 mts     |
| Caucho             | 4 831041344420963 -75 68635337054731  | Campestre D Los Olivos  | arbol       | 2,9          | 2,01-5,00 mts     |

| NO. COM                | COORDENADA                              | BARRIO                  | HAB. CRECH | H. mts. 1 | Rango. mts      |
|------------------------|---|-------------------------|------------|-----------|-----------------|
| Tulpan afroano         | 4 831090120840801, -75.686340229477833  | Campesnte D. Los Olivos | arbol      | 6,9       | 5,01-10,00 mts  |
| Tulpan afroano         | 4 8311001636651735, -75.686343312263340 | Campesnte D. Los Olivos | arbol      | 0,55-5,5  | 5,01-10,00 mts  |
| Palma araca            | 4 830028423684575, -75.68635672330856   | Campesnte D. Los Olivos | Palma      | 6         | 5,01-10,00 mts  |
| Berjamin               | 4 830054486930150, -75.68625781685114   | Campesnte D. Los Olivos | arbol      | 17,2      | 15,01-28,00 mts |
| Cipres                 | 4 830015728451685, -75.68621590733528   | Campesnte D. Los Olivos | arbol      | 19,3      | 15,01-28,00 mts |
| Tulpan afroano         | 4 830851317687595, -75.68611063063146   | Campesnte D. Los Olivos | arbol      | 1,83-18,3 | 0,00-2,00 mts   |
| Urapan                 | 4 83088499282365, -75.68611733615398    | Campesnte D. Los Olivos | arbol      | 1,62-16,2 | 5,01-10,00 mts  |
| Araucaria              | 4 830858599006652, -75.6861062720418    | Campesnte D. Los Olivos | arbol      | 19,6      | 15,01-28,00 mts |
| Higueron de hoja ancha | 4 830775412703716, -75.68602077962545   | Campesnte D. Los Olivos | arbol      | 11,2      | 10,01-15,00 mts |
| Guayacan de marizales  | 4 83079311921636, -75.6860398668251     | Campesnte D. Los Olivos | arbol      | 8,2       | 5,01-10,00 mts  |
| Urapan                 | 4 830804144025901, -75.6861062720418    | Campesnte D. Los Olivos | arbol      | 19,5      | 15,01-28,00 mts |
| Tulpan afroano         | 4 830858599006652, -75.6861062720418    | Campesnte D. Los Olivos | arbol      | 11,9      | 10,01-15,00 mts |
| Guayacan de marizales  | 4 830848238751548, -75.68613948437837   | Campesnte D. Los Olivos | arbol      | 12,3      | 10,01-15,00 mts |
| Urapan                 | 4 83084089389713, -75.68614684045313    | Campesnte D. Los Olivos | arbol      | 21,4      | 15,01-28,00 mts |
| Guayacan de marizales  | 4 830864945717671, -75.68616192787886   | Campesnte D. Los Olivos | arbol      | 18,1      | 15,01-28,00 mts |
| Urapan                 | 4 830822184622928, -75.68620796070820   | Campesnte D. Los Olivos | arbol      | 20,4      | 15,01-28,00 mts |
| Oroto                  | 4 830731981632982, -75.68620796070820   | Campesnte D. Los Olivos | Arbusto    | 2,5       | 2,01-5,00 mts   |
| Pino libro             | 4 830758040275757, -75.6862373650074    | Campesnte D. Los Olivos | arbol      | 4,9       | 2,01-5,00 mts   |
| Palma araca            | 4 830753028998381, -75.68626418709795   | Campesnte D. Los Olivos | Palma      | 8,4       | 5,01-10,00 mts  |
| Araucaria              | 4 83078442024384, -75.68626787513404    | Campesnte D. Los Olivos | arbol      | 16,7      | 15,01-28,00 mts |
| Palma robelini         | 4 848772340492826, -75.686103130578995  | Carbonero               | Palma      | 2,5       | 2,01-5,00 mts   |
| Pino libro             | 4 848817440786898, -75.686098134964705  | Carbonero               | arbol      | 3,2       | 2,01-5,00 mts   |
| Veraneta               | 4 848637039592507, -75.68602234104872   | Carbonero               | Arbusto    | 3,2       | 2,01-5,00 mts   |
| Carey                  | 4 848582251072078, -75.686090054810047  | Carbonero               | Arbusto    | 3,5       | 2,01-5,00 mts   |
| Palma quency           | 4 848384143762955, -75.686080566495657  | Carbonero               | Palma      | 8,2       | 5,01-10,00 mts  |
| Pino azul              | 4 848291938654905, -75.686075722047043  | Carbonero               | arbol      | 3,5       | 2,01-5,00 mts   |
| Palma manila           | 4 848326014457173, -75.68607536971969   | Carbonero               | Palma      | 5,2       | 5,01-10,00 mts  |
| Resucitado             | 4 8482204462798615, -75.686073458641768 | Carbonero               | Arbusto    | 3,5       | 2,01-5,00 mts   |
| Palma quency           | 4 848664433851096, -75.686159557551146  | Carbonero               | Palma      | 11        | 10,01-15,00 mts |
| Naranjo                | 4 848658754553638, -75.686150806844234  | Carbonero               | arbol      | 5         | 2,01-5,00 mts   |
| Araucaria              | 4 848561204261214, -75.686170319914818  | Carbonero               | arbol      | 10        | 5,01-10,00 mts  |
| Limon                  | 4 8485752354685285, -75.686171862185001 | Carbonero               | arbol      | 4,1       | 2,01-5,00 mts   |
| Limon                  | 4 84857529421161, -75.686172331571579   | Carbonero               | arbol      | 5         | 2,01-5,00 mts   |
| Aguaote                | 4 848543832289898, -75.686169783473015  | Carbonero               | arbol      | 5,3       | 5,01-10,00 mts  |
| Araucaria              | 4 848519110637541, -75.686168677061796  | Carbonero               | arbol      | 8,2       | 5,01-10,00 mts  |
| Mango                  | 4 848501404588685, -75.686168448196888  | Carbonero               | arbol      | 5,4       | 5,01-10,00 mts  |
| Palma quency           | 4 848411872108201, -75.686168682890177  | Carbonero               | Palma      | 8,7       | 5,01-10,00 mts  |
| Palma quency           | 4 848405858732215, -75.686167034208775  | Carbonero               | Palma      | 11,2      | 10,01-15,00 mts |
| Palma quency           | 4 8484242309364395, -75.686165257245302 | Carbonero               | Palma      | 10,8      | 10,01-15,00 mts |
| Palma quency           | 4 848409867849539, -75.686164419054985  | Carbonero               | Palma      | 11,2      | 10,01-15,00 mts |
| Palma quency           | 4 848424901089314, -75.686158518195152  | Carbonero               | Palma      | 10,9      | 10,01-15,00 mts |
| Acacia amarilla        | 4 84837779631027, -75.686163547337055   | Carbonero               | arbol      | 5,2       | 5,01-10,00 mts  |
| Mango                  | 4 848299288337887, -75.686167335957289  | Carbonero               | arbol      | 5,5       | 5,01-10,00 mts  |
| Naranjo                | 4 848335702675147, -75.686162312060928  | Carbonero               | arbol      | 3,5       | 2,01-5,00 mts   |
| Papayo                 | 4 848121225541215, -75.686157545894384  | Carbonero               | arbol      | 2         | 0,00-2,00 mts   |
| Aguaote                | 4 848344054587091, -75.686161703318357  | Carbonero               | arbol      | 7,2       | 5,01-10,00 mts  |
| Guayabo dulce          | 4 848049399071485, -75.686158305372715  | Carbonero               | arbol      | 8,2       | 5,01-10,00 mts  |
| Naranjo                | 4 848021336834707, -75.686162542091513  | Carbonero               | arbol      | 2,2       | 2,01-5,00 mts   |
| Guayacan rosado        | 4 84805608060387, -75.686157445311548   | Carbonero               | arbol      | 8,3       | 5,01-10,00 mts  |
| Guayabo dulce          | 4 848054410220773, -75.68615980310678   | Carbonero               | arbol      | 3,1       | 2,01-5,00 mts   |
| Naranjo                | 4 848124900383648, -75.686157713532448  | Carbonero               | arbol      | 2,32      | 2,01-5,00 mts   |
| Guanabano              | 4 84799027069946, -75.68615820626505    | Carbonero               | arbol      | 3,2       | 2,01-5,00 mts   |
| Araza                  | 4 847786102037321, -75.686132199019194  | Carbonero               | Arbusto    | 2,4       | 2,01-5,00 mts   |
| Carbonero rosado       | 4 848021336830823, -75.686162542095645  | Carbonero               | arbol      | 5,5       | 5,01-10,00 mts  |
| Carbonero rosado       | 4 8481666590553295, -75.686095319849358 | Carbonero               | arbol      | 11,3      | 10,01-15,00 mts |
| Carbonero rosado       | 4 848021336834707, -75.686162542091513  | Carbonero               | arbol      | 12,6      | 10,01-15,00 mts |
| Carbonero rosado       | 4 84805608063479, -75.686157445311359   | Carbonero               | arbol      | 9,3       | 5,01-10,00 mts  |
| Carbonero rosado       | 4 8481666590556401, -75.686095319844729 | Carbonero               | arbol      | 11,3      | 10,01-15,00 mts |
| Carbonero rosado       | 4 848172005180434, -75.68609545275376   | Carbonero               | arbol      | 8,5       | 5,01-10,00 mts  |
| Naranjo                | 4 847607801480246, -75.6861512427032    | Carbonero               | arbol      | 3,4       | 2,01-5,00 mts   |
| Guayabo dulce          | 4 848139599753175, -75.68609606252718   | Carbonero               | arbol      | 3,2       | 2,01-5,00 mts   |
| Papayo                 | 4 8481666590553295, -75.68609545275599  | Carbonero               | arbol      | 2,4       | 2,01-5,00 mts   |
| Palma araca            | 4 848172005180311, -75.68609545275569   | Carbonero               | Palma      | 3,5       | 2,01-5,00 mts   |
| Araucaria              | 4 848162985113126, -75.68609911028177   | Carbonero               | arbol      | 8         | 5,01-10,00 mts  |
| Palma quency           | 4 848179688941183, -75.686088110208513  | Carbonero               | Palma      | 14,9      | 10,01-15,00 mts |
| Limon mandarino        | 4 848128003026385, -75.68602066486808   | Carbonero               | arbol      | 2,6       | 2,01-5,00 mts   |
| Pino azul              | 4 848142940518022, -75.68609434634471   | Carbonero               | arbol      | 3,1       | 2,01-5,00 mts   |
| San Joaquin Careado    | 4 848244165713535, -75.686107120964904  | Carbonero               | Arbusto    | 2,1       | 2,01-5,00 mts   |
| Cipres                 | 4 848308308403266, -75.686108897328377  | Carbonero               | arbol      | 3,1       | 2,01-5,00 mts   |
| Guayacan rosado        | 4 848320335156905, -75.68611218303442   | Carbonero               | arbol      | 3,5       | 2,01-5,00 mts   |
| Araucaria              | 4 848348731657723, -75.686112115079196  | Carbonero               | arbol      | 3,5       | 2,01-5,00 mts   |
| Palma quency           | 4 848369110322277, -75.686101085394821  | Carbonero               | Palma      | 14,5      | 10,01-15,00 mts |
| Guayacan amarillo      | 4 8484031861206525, -75.686107790917158 | Carbonero               | arbol      | 2,3       | 2,01-5,00 mts   |
| Palma quency           | 4 848460313190539, -75.686103029996157  | Carbonero               | Palma      | 15        | 10,01-15,00 mts |
| Palma araca            | 4 848524789936117, -75.686108897328377  | Carbonero               | Palma      | 2,1       | 2,01-5,00 mts   |
| Pino frances careado   | 4 848481360004544, -75.686127270460129  | Carbonero               | arbol      | 2,4       | 2,01-5,00 mts   |
| Palma araca            | 4 8483N - 75.6616W                      | Carbonero               | Palma      | 2,1       | 0,00-5,00 mts   |
| Palma araca            | 4 8483N - 75.6616W                      | Carbonero               | Palma      | 1,9       | 0,00-5,00 mts   |
| Acacia amarilla        | 4 8477 - 75.6607                        | Carbonero               | arbol      | 12        | 5,01-15,00 mts  |
| Aguaote                | 4 8480 - 75.6615                        | Carbonero               | arbol      | 8,5       | 5,01-15,00 mts  |
| Mandarino              | 4 8479 - 75.6617                        | Carbonero               | arbol      | 6,3       | 5,01-15,00 mts  |
| Aguaote                | 4 8480 - 75.6615                        | Carbonero               | arbol      | 5,9       | 5,01-15,00 mts  |
| Carbonero rojo         | 4 8486403-75.661567                     | Carbonero               | arbol      | 2,7       | 0,00-5,00 mts   |
| Tulpan Afroano         | 4 8485 - 75.6617                        | Carbonero               | arbol      | 10        | 5,01-15,00 mts  |
| limon mandarino        | 4 8485645 - 75.6614971                  | Carbonero               | arbol      | 2,4       | 0,00-5,00 mts   |
| Mandarino              | 4 8486129-75.6614871                    | Carbonero               | arbol      | 5,2       | 5,01-15,00 mts  |
| Guayaba peruana        | 4 8485965 - 75.6614323                  | Carbonero               | arbol      | 2,2       | 0,00-5,00 mts   |
| Urapan                 | 4 848582 - 75.6615343                   | Carbonero               | arbol      | 2,5       | 0,00-5,00 mts   |
| Naranjo                | 4 8484808-756614158                     | Carbonero               | arbol      | 3,1       | 0,00-5,00 mts   |
| Guayacan amarillo      | 4 8484 - 75.6616                        | Carbonero               | arbol      | 4,2       | 0,00-5,00 mts   |
| Nogal cafetero         | 4 8484241 - 75.6615317                  | Carbonero               | arbol      | 9,3       | 5,01-15,00 mts  |
| Yarumo                 | 4 8482 - 75.6609                        | Carbonero               | arbol      | 6,4       | 5,01-15,00 mts  |
| Yarumo                 | 4 8482 - 75.6609                        | Carbonero               | arbol      | 2,2       | 0,00-5,00 mts   |
| limon mandarino        | 4 8482 - 75.6609                        | Carbonero               | arbol      | 3,7       | 0,00-5,00 mts   |
| Tulpan Afroano         | 4 8482 - 75.6609                        | Carbonero               | arbol      | 5,3       | 5,01-15,00 mts  |
| Tulpan Afroano         | 4 8483 - 756609                         | Carbonero               | arbol      | 4,1       | 0,00-5,00 mts   |
| Carbonero rosado       | 4 8484 - 75.6610                        | Carbonero               | arbol      | 2,1       | 0,00-5,00 mts   |
| Casco de vaca          | 4 8480N - 75.66900W                     | Carbonero               | arbol      | 10,5      | 5,01-15,00 mts  |
| Tulpan afroano         | 484162602-756608317                     | cerro azul              | arbol      | 8         | 0,00-5,00 mts   |
| Francoesina            | 484164150-7566085046                    | cerro azul              | arbol      | 5         | 0,00-5,00 mts   |
| limon                  | 48416564-756608298                      | cerro azul              | arbol      | 5         | 0,00-5,00 mts   |
| Palma Araca            | 4 8415 - 75.6605                        | cerro azul              | Palma      | 5         | 0,00-5,00 mts   |
| Palma Araca            | 4 8415 - 75.6605                        | cerro azul              | Palma      | 4         | 0,00-5,00 mts   |
| Palma Araca            | 4 8410 - 75.6607                        | cerro azul              | Palma      | 5         | 0,00-5,00 mts   |
| Palma Araca            | 4 8410 - 75.6608                        | cerro azul              | Palma      | 2         | 0,00-5,00 mts   |
| Palma Araca            | 4 8412 - 75.6609                        | cerro azul              | Palma      | 6         | 5,01-15,00 mts  |
| Casco Vaca             | 48416 - 75.6608                         | cerro azul              | arbol      | 10        | 5,01-15,00 mts  |
| Mango                  | 4 8416 - 75.6607                        | cerro azul              | arbol      | 10        | 5,01-15,00 mts  |
| Quebrabranjo           | 4 8416 - 75.6606                        | cerro azul              | arbol      | 10        | 5,01-15,00 mts  |
| Aguaote                | 4 8416 - 75.6607                        | cerro azul              | arbol      | 10        | 5,01-15,00 mts  |
| Arroyan                | 4 8416 - 75.6606                        | cerro azul              | arbol      | 6         | 5,01-15,00 mts  |
| Casco Vaca             | 4 8415 - 75.6605                        | cerro azul              | arbol      | 6         | 5,01-15,00 mts  |
| Guayacan Rosado        | 4 8410 - 75.6608                        | cerro azul              | arbol      | 5         | 0,00-5,00 mts   |

| NOM. COM          | COORDENADA                           | BARRIO        | HAB. CRECII | H. mts. 1 | Rango. altu     |
|-------------------|--------------------------------------|---------------|-------------|-----------|-----------------|
| Palma areca       | 48410-759625                         | cerro azul    | Palma       | 3,3       | 0,00-5,00 mts   |
| Palma areca       | 48410-759625                         | cerro azul    | Palma       | 3,1       | 0,00-5,00 mts   |
| aguacate          | 48416572-759607764                   | cerro azul    | arbol       | 4         | 0,00-5,00 mts   |
| Aguaate           | 48405-759611                         | cerro azul    | arbol       | 2,4       | 0,00-5,00 mts   |
| Guayabo dulce     | 48406-759623                         | cerro azul    | arbol       | 1,8       | 0,00-5,00 mts   |
| Resucitado        | 48412-759619                         | cerro azul    | arbol       | 2,8       | 0,00-5,00 mts   |
| Guayabo dulce     | 48407-759612                         | cerro azul    | arbol       | 1,9       | 0,00-5,00 mts   |
| Limon mandarina   | 48405-759626                         | cerro azul    | arbol       | 3,2       | 0,00-5,00 mts   |
| Aguaate           | 48404-759626                         | cerro azul    | arbol       | 3,1       | 0,00-5,00 mts   |
| Mango             | 48404-759629                         | cerro azul    | arbol       | 3,5       | 0,00-5,00 mts   |
| Guayacan amarillo | 48411-759624                         | cerro azul    | arbol       | 4,2       | 0,00-5,00 mts   |
| Guanday           | 48410-759626                         | cerro azul    | arbol       | 6,4       | 5,01-15,00 mts  |
| Guayacan amarillo | 48411-759624                         | cerro azul    | arbol       | 4,6       | 0,00-5,00 mts   |
| Guayacan amarillo | 48411-759623                         | cerro azul    | arbol       | 4,1       | 0,00-5,00 mts   |
| Aguaate           | 48413-759623                         | cerro azul    | arbol       | 2,3       | 0,00-5,00 mts   |
| Guayabo dulce     | 48414-759617                         | cerro azul    | arbol       | 3,1       | 0,00-5,00 mts   |
| Guayaba agría     | 48414-759617                         | cerro azul    | arbol       | 3,1       | 0,00-5,00 mts   |
| Casco de vaca     | 48416N - 75.6606W                    | cerro azul    | arbol       | 5,1       | 5,10-15,00mts   |
| Mandarino         | 48416N - 75.6615W                    | cerro azul    | arbol       | 7,4       | 5,01-15,00 mts  |
| Mango             | 48416 - 75.6614                      | cerro azul    | arbol       | 6,3       | 5,01-15,00 mts  |
| Guayacan amarillo | 48417 - 756614                       | cerro azul    | arbol       | 4,1       | 0,00-5,00 mts   |
| Palma areca       | 48411-75.6617                        | cerro azul    | Palma       | 6,2       | 5,01-15,00 mts  |
| Francoesina       | 48415N - 75.6613W                    | cerro azul    | Arbusto     | 1,8       | 0,00-5,00 mts   |
| Anaocaria         | 48415N - 75.6612W                    | cerro azul    | arbol       | 5,1       | 5,01-15,00 mts  |
| Siete cueros      | 48415N - 75.6612W                    | cerro azul    | Arbusto     | 2,3       | 0,00-5,00 mts   |
| Saman             | 48416N - 75.6611W                    | cerro azul    | arbol       | 6,2       | 5,01-15,00 mts  |
| Francoesina       | 48414N - 75.6617W                    | cerro azul    | Arbusto     | 2,3       | 0,00-5,00 mts   |
| Acacia amarilla   | 48414N - 75.6616W                    | cerro azul    | arbol       | 8,6       | 5,01-15,00 mts  |
| Aguaate           | 48415N - 75.6616W                    | cerro azul    | arbol       | 10,3      | 5,01-15,00 mts  |
| Tulipan africano  | 48415N - 75.6616W                    | cerro azul    | arbol       | 6,8       | 5,01-15,00 mts  |
| Siete cueros      | 48415N - 75.6616W                    | cerro azul    | arbol       | 3,5       | 0,00-5,00 mts   |
| Limon mandarina   | 48415N - 75.6616W                    | cerro azul    | arbol       | 5,4       | 5,01-15,00 mts  |
| Croto             | 48415N - 75.6616W                    | cerro azul    | Arbusto     | 1,9       | 0,00-5,00 mts   |
| Mango             | 4841573N - 75.66168W                 | cerro azul    | arbol       | 4,7       | 0,00-5,00 mts   |
| Guayabo dulce     | 4841568N - 75.661743W                | cerro azul    | arbol       | 5,6       | 5,01-15,00 mts  |
| Anaocaria         | 4841496N - 75.661819W                | cerro azul    | arbol       | 9,3       | 5,01-15,00 mts  |
| Acacia amarilla   | 4841528N - 75.661879W                | cerro azul    | arbol       | 5,2       | 5,01-15,00 mts  |
| Carbonero Rojo    | 4841943N - 75.661874W                | cerro azul    | arbol       | 4,1       | 0,00-5,00 mts   |
| Guayabo dulce     | 4841893N - 75.66202W                 | cerro azul    | arbol       | 6,3       | 5,01-15,00 mts  |
| Acacia amarilla   | 4841922N - 75.661994W                | cerro azul    | arbol       | 5,2       | 5,01-15,00 mts  |
| Tulipan Africano  | 4841271N - 75.662635W                | cerro azul    | arbol       | 2,8       | 0,00-5,00 mts   |
| Saman             | 4841098N - 75.661689W                | cerro azul    | arbol       | 8,4       | 5,01-15,00 mts  |
| Palma areca       | 4841160N - 75.661674W                | cerro azul    | Palma       | 4,1       | 0,00-5,00 mts   |
| Saman             | 4840952N - 75.661500W                | cerro azul    | arbol       | 6,6       | 5,01-15,00 mts  |
| Tulipan africano  | 48512722285463346 -75.65438345074654 | Cesar Augusto | arbol       | 9         | 5,01-10,00 mts  |
| Acacia amarilla   | 48513278849985 -75.65431907773018    | Cesar Augusto | arbol       | 4,2       | 2,01-5,00 mts   |
| Palma areca       | 4851352406548005 -75.6542231887579   | Cesar Augusto | Palma       | 9         | 5,01-10,00 mts  |
| Cipres            | 485134856073404 -75.6541832908988    | Cesar Augusto | arbol       | 2         | 0,00-2,00 mts   |
| Mango             | 4851364099172446 -75.65412160009146  | Cesar Augusto | arbol       | 5,5       | 5,01-10,00 mts  |
| Guayacan rosado   | 4851415880792573 -75.65414305778368  | Cesar Augusto | arbol       | 10,2      | 2,01-5,00 mts   |
| Guano             | 48499-75.6532                        | Cesar Augusto | arbol       | 2,1       | 0,00-5,00 mts   |
| Limon mandarina   | 48500-75.6532                        | Cesar Augusto | arbol       | 1,8       | 0,00-5,00 mts   |
| Tulipan africano  | 48500-75.6533                        | Cesar Augusto | arbol       | 2,9       | 0,00-5,00 mts   |
| Palma areca       | 48500-75.6533                        | Cesar Augusto | Palma       | 1,7       | 0,00-5,00 mts   |
| Limon mandarina   | 48500-75.6533                        | Cesar Augusto | arbol       | 1,8       | 0,00-5,00 mts   |
| Aguaate           | 48504-75.6534                        | Cesar Augusto | arbol       | 1,9       | 0,00-5,00 mts   |
| Limon mandarina   | 48503-75.6534                        | Cesar Augusto | arbol       | 2,5       | 0,00-5,00 mts   |
| Palma areca       | 48513-75.6542                        | Cesar Augusto | Palma       | 2,3       | 0,00-5,00 mts   |
| Palma areca       | 48513-75.6543                        | Cesar Augusto | Palma       | 2         | 0,00-5,00 mts   |
| Urapan            | 4814207375194774 -75.67980173975229  | El Balso      | arbol       | 15        | 10,01-15,00 mts |
| Urapan            | 4814449501363696 -75.6794331395202   | El Balso      | arbol       | 15        | 10,01-15,00 mts |
| Urapan            | 4814607837537588 -75.67993383854626  | El Balso      | arbol       | 11        | 10,01-15,00 mts |
| Urapan            | 4814714747322002 -75.68003375083208  | El Balso      | arbol       | 12        | 10,01-15,00 mts |
| Urapan            | 4814785909137951 -75.68010617047548  | El Balso      | arbol       | 16        | 15,01-28,00 mts |
| Casco de vaca     | 4814844041320113 -75.68033918738365  | El Balso      | arbol       | 7,2       | 5,01-10,00 mts  |
| Urapan            | 481493582792286 -75.6809248128414    | El Balso      | arbol       | 14        | 10,01-15,00 mts |
| Urapan            | 48149900604482245 -75.68062484264374 | El Balso      | arbol       | 17        | 15,01-28,00 mts |
| Urapan            | 48149900604482245 -75.68062484264375 | El Balso      | arbol       | 16        | 15,01-28,00 mts |
| Aguaate           | 4818303231305522 -75.68390020758247  | El Balso      | arbol       | 6         | 5,01-10,00 mts  |
| Mango             | 4818335838159595 -75.68397223949432  | El Balso      | arbol       | 4,3       | 2,01-5,00 mts   |
| Aguaate           | 48150N - 75.6803W                    | El Balso      | arbol       | 7,3       | 5,01-15,00mts   |
| Mango             | 48127N - 75.6804W                    | El Balso      | arbol       | 5,7       | 0,00-5,00 mts   |
| Leucaena          | 48141N - 75.6797W                    | El Balso      | arbol       | 6,4       | 5,01-15,00mts   |
| Casco de vaca     | 48147N - 75.6808W                    | El Balso      | arbol       | 14        | 5,01-15,00mts   |
| Balso             | 48146N - 75.6805W                    | El Balso      | arbol       | 10        | 5,01-15,00mts   |
| Mango             | 48146N - 75.6806W                    | El Balso      | arbol       | 4,8       | 5,01-15,00mts   |
| Nopal cafetero    | 48146N - 75.6805W                    | El Balso      | arbol       | 6,2       | 5,01-15,00mts   |
| Cipres            | 48146N - 75.6805W                    | El Balso      | arbol       | 4         | 0,00-5,00 mts   |
| Nopal cafetero    | 48145N - 75.6803W                    | El Balso      | arbol       | 12,6      | 5,01-15,00mts   |
| Cipres            | 48145N - 75.6803W                    | El Balso      | arbol       | 2,1       | 0,00-5,00 mts   |
| Palma areca       | 48145N - 75.6803W                    | El Balso      | Palma       | 4,8       | 0,00-5,00 mts   |
| Nopal cafetero    | 48144N - 75.6801W                    | El Balso      | arbol       | 10,8      | 5,01-15,00mts   |
| Nopal cafetero    | 48144N - 75.6801W                    | El Balso      | arbol       | 11,2      | 5,01-15,00mts   |
| Saman             | 48370N - 75.6596W                    | El ensueño    | arbol       | 1,7       | 0,00-5,00 mts   |
| Mataraton         | 48368N - 75.6593W                    | El ensueño    | Arbusto     | 2,5       | 0,00-5,00 mts   |
| Saman             | 48368N - 75.6592W                    | El ensueño    | arbol       | 2,7       | 0,00-5,00 mts   |
| Cedro japonés     | 48366N - 75.6592W                    | El ensueño    | arbol       | 2,1       | 0,00-5,00 mts   |
| Palma areca       | 48367N - 75.6588W                    | El ensueño    | Palma       | 2,8       | 0,00-5,00 mts   |
| Carbonero rosado  | 48371N - 75.6590W                    | El ensueño    | arbol       | 2,6       | 0,00-5,00 mts   |
| Palma areca       | 48370N - 75.6588W                    | El ensueño    | Palma       | 1,2       | 0,00-5,00 mts   |
| Palma areca       | 48370N - 75.6588W                    | El ensueño    | Palma       | 1,3       | 0,00-5,00 mts   |
| Palma areca       | 48370N - 75.6588W                    | El ensueño    | Palma       | 1,5       | 0,00-5,00 mts   |
| Palma areca       | 48372N - 75.6582W                    | El ensueño    | Palma       | 2,3       | 0,00-5,00 mts   |
| Palma quency      | 48375N - 75.6581W                    | El ensueño    | Palma       | 2,3       | 0,00-5,00 mts   |
| Palma areca       | 48374N - 75.6584W                    | El ensueño    | Palma       | 1,2       | 0,00-5,00 mts   |
| Palma areca       | 48372N - 75.6587W                    | El ensueño    | Palma       | 1,4       | 0,00-5,00 mts   |
| Aguaate           | 48373N - 75.6588W                    | El ensueño    | arbol       | 2,7       | 0,00-5,00 mts   |
| Limon tahiti      | 48373N - 75.6588W                    | El ensueño    | arbol       | 2,9       | 0,00-5,00 mts   |
| Palma areca       | 48374N - 75.6587W                    | El ensueño    | Palma       | 3,3       | 0,00-5,00 mts   |
| Dracena           | 48372N - 75.6588W                    | El ensueño    | Arbusto     | 4,8       | 0,00-5,00 mts   |
| Palma areca       | 48375N - 75.6590W                    | El ensueño    | Palma       | 3,2       | 0,00-5,00 mts   |
| Pino libro        | 48374N - 75.6590W                    | El ensueño    | arbol       | 3,4       | 0,00-5,00 mts   |
| Pino azul         | 48374N - 75.6590W                    | El ensueño    | arbol       | 4,1       | 0,00-5,00 mts   |
| Palma areca       | 48376N - 75.6590W                    | El ensueño    | Palma       | 3,5       | 0,00-5,00 mts   |
| Palma areca       | 48374N - 75.6592W                    | El ensueño    | Palma       | 2,8       | 0,00-5,00 mts   |
| Palma areca       | 48377N - 75.6592W                    | El ensueño    | Palma       | 4,1       | 0,00-5,00 mts   |
| Palma areca       | 48377N - 75.6592W                    | El ensueño    | Palma       | 3,9       | 0,00-5,00 mts   |
| Palma areca       | 48378N - 75.6592W                    | El ensueño    | Palma       | 2,9       | 0,00-5,00 mts   |
| Palma areca       | 48378N - 75.6592W                    | El ensueño    | Palma       | 2,4       | 0,00-5,00 mts   |
| Cedro japonés     | 48377N - 75.6592W                    | El ensueño    | arbol       | 4,6       | 0,00-5,00 mts   |
| Palma areca       | 48374N - 75.6595W                    | El ensueño    | Palma       | 3,3       | 0,00-5,00 mts   |
| Carbonero rojo    | 48375N - 75.6594W                    | El ensueño    | arbol       | 2,8       | 0,00-5,00 mts   |
| Pino libro        | 48376N - 75.6594W                    | El ensueño    | arbol       | 2,9       | 0,00-5,00 mts   |

| NOM_COM                | COORDENADA                            | BARRIO      | HAB_CRECH | H_mts_1     | Range_fltu      |
|------------------------|---------------------------------------|-------------|-----------|-------------|-----------------|
| Palma areca            | 4 8377N - 75.6595W                    | El ensueño  | Palma     | 3,4         | 0,00-5,00 mts   |
| Palma areca            | 4 8380N - 75.6599W                    | El ensueño  | Palma     | 5,6         | 0,00-5,00 mts   |
| Casco de vaca          | 4 8373N - 75.6601W                    | El ensueño  | árbol     | 5,4         | 5,01-15,00 mts  |
| Palma areca            | 4 815468704018168,-75.67736897617579  | El Japon    | Palma     | 6           | 5,01-10,00 mts  |
| Palma areca            | 4 815447078893626,-75.6773206983155   | El Japon    | Palma     | 4,2         | 2,01-5,00 mts   |
| Palma areca            | 4 815331816900678,-75.6771965892277   | El Japon    | Palma     | 7,8         | 5,01-10,00 mts  |
| Palma areca            | 4 815297739444623,-75.67717149853706  | El Japon    | Palma     | 10          | 5,01-10,00 mts  |
| Palma areca            | 4 814005848519826,-75.67561648786068  | El Japon    | Palma     | 7           | 5,01-10,00 mts  |
| Palma sombrero chino   | 4 814442461431655,-75.67472197115421  | El Japon    | Palma     | 5,7         | 5,01-10,00 mts  |
| Palma areca            | 4 814636599543778,-75.67464720457792  | El Japon    | Palma     | 5           | 2,01-5,00 mts   |
| Palma areca            | 4 8146897198774555,-75.6746884354154  | El Japon    | Palma     | 0,50-5      | 0,00-2,00 mts   |
| Palma areca            | 4 814691360809683,-75.67465625703335  | El Japon    | Palma     | 0,30-5      | 0,00-2,00 mts   |
| Palma areca            | 4 817747971359786,-75.68552291870117  | El Japon    | Palma     | 8,2         | 5,01-10,00 mts  |
| Palma areca            | 4 8181639152245005,-75.68128600716591 | El Japon    | Palma     | 3,9         | 2,01-5,00 mts   |
| Palma areca            | 4 818326617695221,-75.681150640014887 | El Japon    | Palma     | 0,86-3,9    | 0,00-2,00 mts   |
| Palma areca            | 4 818967738550475,-75.68130511790514  | El Japon    | Palma     | 5,2         | 5,01-10,00 mts  |
| Palma cubana           | 4 818895996994709,-75.68145498634535  | El Japon    | Palma     | 12,5        | 10,01-15,00 mts |
| Palma cubana           | 4 818443883727299,-75.68200215607289  | El Japon    | Palma     | 7,9         | 5,01-10,00 mts  |
| Urapan                 | 4 819646845133431,-75.682325597311674 | El Japon    | arbol     | 7,6         | 5,01-10,00 mts  |
| Urapan                 | 4 819701067812753,-75.68273842334747  | El Japon    | arbol     | 10          | 5,01-10,00 mts  |
| Urapan                 | 4 819800626804204,-75.68269282579423  | El Japon    | arbol     | 11          | 10,01-15,00 mts |
| Urapan                 | 4 8198156808788185,-75.68265358484738 | El Japon    | arbol     | 1,02-10,2   | 0,00-2,00 mts   |
| Urapan                 | 4 8197996204320546,-75.682652592659   | El Japon    | arbol     | 10,8        | 10,01-15,00 mts |
| Urapan                 | 4 819848401751207,-75.68261705338955  | El Japon    | arbol     | 12          | 10,01-15,00 mts |
| Urapan                 | 4 8198884026134005,-75.6825962692697  | El Japon    | arbol     | 12          | 10,01-15,00 mts |
| Pino libro             | 4 820069903734841,-75.68239878963096  | El Japon    | arbol     | 6,8         | 5,01-10,00 mts  |
| Palma areca            | 4 820380273962705,-75.6825592693281   | El Japon    | Palma     | 6           | 5,01-10,00 mts  |
| Palma areca            | 4 8203020960593996,-75.68249568343163 | El Japon    | Palma     | 0,68-6,8    | 0,00-2,00 mts   |
| Benjamin               | 4 820307441980844,-75.68248797208071  | El Japon    | arbol     | 2,5         | 2,01-5,00 mts   |
| Dracena                | 4 820278376123985,-75.68243768066198  | El Japon    | Arbusto   | 0,58-5,8    | 0,00-2,00 mts   |
| Palma areca            | 4 820255232891782,-75.682429568403463 | El Japon    | Palma     | 9,2         | 5,01-10,00 mts  |
| Palma yuca             | 4 820147412707505,-75.68246752023697  | El Japon    | Arbusto   | 8,4         | 5,01-10,00 mts  |
| Palma yuca             | 4 820060549203057,-75.68247053772211  | El Japon    | Arbusto   | 0,62-6,2    | 0,00-2,00 mts   |
| Yarumo negro           | 4 819537697489796,-75.681909966038    | El Japon    | arbol     | 10,4        | 10,01-15,00 mts |
| Yarumo negro           | 4 819551395207556,-75.68209536373615  | El Japon    | arbol     | 12,6        | 10,01-15,00 mts |
| Benjamin               | 4 819345703259265,-75.68218689411879  | El Japon    | arbol     | 4,2         | 2,01-5,00 mts   |
| Almendro               | 4 819284466707079,-75.68216107785702  | El Japon    | arbol     | 0,74-7,4    | 0,00-2,00 mts   |
| Palma areca            | 4 819169863551437,-75.68213794380426  | El Japon    | Palma     | 10,8        | 10,01-15,00 mts |
| Higueron de hoja ancha | 4 818980434006896,-75.681909966038    | El Japon    | arbol     | 12          | 10,01-15,00 mts |
| Acacia amarilla        | 4 819061952194761,-75.68172790110111  | El Japon    | arbol     | 10,5        | 10,01-15,00 mts |
| Acacia amarilla        | 4 819092688581711,-75.68161223083735  | El Japon    | arbol     | 12          | 10,01-15,00 mts |
| Acacia amarilla        | 4 819123090820287,-75.68148180842398  | El Japon    | arbol     | 10,7        | 10,01-15,00 mts |
| Palma areca            | 4 819380066704885,-75.6812672317028   | El Japon    | Palma     | 6           | 5,01-10,00 mts  |
| Palma areca            | 4 819392702119196,-75.68126696115055  | El Japon    | Palma     | 6,5         | 5,01-10,00 mts  |
| Acacia amarilla        | 4 8194712134412105,-75.68117905408144 | El Japon    | arbol     | 6,5         | 5,01-10,00 mts  |
| Palma areca            | 4 819503029352529,-75.681099289155    | El Japon    | Palma     | 5,2         | 5,01-10,00 mts  |
| Palma areca            | 4 819411077110237,-75.68129975348711  | El Japon    | Palma     | 2,6         | 2,01-5,00 mts   |
| Palma areca            | 4 819482906616049,-75.68123336881399  | El Japon    | Palma     | 2,8         | 2,01-5,00 mts   |
| Aguaote                | 4 819596831537611,-75.68103488634689  | El Japon    | arbol     | 7,2         | 5,01-10,00 mts  |
| Pino libro             | 4 819696311995007,-75.67793894559145  | El Japon    | arbol     | 5,6         | 5,01-10,00 mts  |
| Mango                  | 4 819326471421698,-75.67703269422054  | El Japon    | arbol     | 8,7         | 5,01-10,00 mts  |
| Aguaote                | 4 8162545804469445,-75.67647580057383 | El Japon    | arbol     | 8,2         | 5,01-10,00 mts  |
| Higueron de hoja ancha | 4 8162545804469445,-75.67647580057383 | El Japon    | arbol     | 10          | 5,01-10,00 mts  |
| Matico                 | 4 816268946415425,-75.67647747695446  | El Japon    | Arbusto   | 5           | 2,01-5,00 mts   |
| ebano ornamental       | 4 816000980751557,-75.67963371929558  | El Japon    | arbol     | 5,6         | 5,01-10,00 mts  |
| Acacia amarilla        | 4 815562006769418,-75.67954969659786  | El Japon    | arbol     | 7,9         | 5,01-10,00 mts  |
| Guayaba agria          | 4 81522249744821,-75.67961125212908   | El Japon    | arbol     | 7,4         | 5,01-10,00 mts  |
| Palma yuca             | 4 8155182406329615,-75.67958945918083 | El Japon    | Arbusto   | 8,2         | 5,01-10,00 mts  |
| Palma yuca             | 4 81540799004773,-75.67949658769369   | El Japon    | Arbusto   | 6,3         | 5,01-10,00 mts  |
| Palma yuca             | 4 814958301119335,-75.6795933580791   | El Japon    | Arbusto   | 7,8         | 5,01-10,00 mts  |
| Tulipan afroano        | 4 818901588537114,-75.68145498633885  | El Japon    | arbol     | 10,6        | 10,01-15,00 mts |
| Tulipan afroano        | 4 818909089020212,-75.68145498633885  | El Japon    | arbol     | 9,8         | 5,01-10,00 mts  |
| Tulipan afroano        | 4 818836440790385,-75.68147007379596  | El Japon    | arbol     | 13          | 10,01-15,00 mts |
| Tulipan afroano        | 4 818792340773674,-75.68150102499161  | El Japon    | arbol     | 9,8         | 5,01-10,00 mts  |
| Tulipan afroano        | 4 818736881657679,-75.68149589002132  | El Japon    | arbol     | 13,2        | 10,01-15,00 mts |
| Tulipan afroano        | 4 818647011152894,-75.6815498947775   | El Japon    | arbol     | 13          | 10,01-15,00 mts |
| Tulipan afroano        | 4 81846599651806,-75.6816145777023    | El Japon    | arbol     | 12,2        | 10,01-15,00 mts |
| Tulipan afroano        | 4 818690797547471,-75.68232234967404  | El Japon    | arbol     | 12          | 10,01-15,00 mts |
| Tulipan afroano        | 4 818658036159692,-75.68236727267505  | El Japon    | arbol     | 11,8        | 10,01-15,00 mts |
| Leucaena               | 4 818676531712195,-75.68240817636251  | El Japon    | arbol     | 9           | 5,01-10,00 mts  |
| Benjamin               | 4 818834770335267,-75.6829968034503   | El Japon    | arbol     | 1,26-12,6   | 0,00-2,00 mts   |
| Almendro               | 4 81862641805057,-75.68306129425766   | El Japon    | arbol     | 5,4         | 5,01-10,00 mts  |
| Araucaria              | 4 8189506999113,-75.68351056426764    | El Japon    | arbol     | 8,7         | 5,01-10,00 mts  |
| Francoisina            | 48193- 756820                         | El Japon    | Arbusto   | 2,8         | 0,00-5,00 mts   |
| Palma yuca             | 48191- 756820                         | El Japon    | Arbusto   | 4,7         | 0,00-5,00 mts   |
| Palma yuca             | 48191- 756820                         | El Japon    | Arbusto   | 5,3         | 5,01-15,00 mts  |
| Palma yuca             | 48191- 756821                         | El Japon    | Arbusto   | 5,5         | 5,01-15,00 mts  |
| Surumbo                | 48155- 756762                         | El Japon    | árbol     | 8,3         | 5,01-15,00 mts  |
| Aguaote                | 48156- 756767                         | El Japon    | árbol     | 3,3         | 0,00-5,00 mts   |
| Baño                   | 4 8190N - 75.6818W                    | El Japon    | árbol     | 2,3         | 0,00-5,00 mts   |
| limon mandarina        | 48190- 756815                         | El Japon    | árbol     | 3,1         | 0,00-5,00 mts   |
| Palma robelini         | 48190- 756811                         | El Japon    | Palma     | 1,8         | 0,00-5,00 mts   |
| Dracena                | 48204- 756823                         | El Japon    | Arbusto   | 5,2         | 5,01-15,00 mts  |
| Dracena                | 48200- 756824                         | El Japon    | Arbusto   | 4,3         | 0,00-5,00 mts   |
| Mamón                  | 4 8135N - 75.6782W                    | El Japon    | árbol     | 14          | 5,01-15,00 mts  |
| Aguaote                | 4 8135N - 75.6781W                    | El Japon    | árbol     | 5,3         | 5,01-15,00 mts  |
| Casco de vaca          | 4 8134N - 75.6759W                    | El Japon    | árbol     | 9,4         | 5,01-15,00 mts  |
| Casco de vaca          | 4 8134N - 75.6759W                    | El Japon    | árbol     | 8,5         | 5,01-15,00 mts  |
| Casco de vaca          | 4 8133N - 75.6758W                    | El Japon    | árbol     | 7,7         | 5,01-15,00 mts  |
| Palma areca            | 4 8167N - 75.6768W                    | El Japon    | Palma     | 3,6         | 2,01-5,00 mts   |
| Palma areca            | 4 832501628460408,-75.6701534086496   | El Progreso | Palma     | 0,91 - 9,10 | 0,00-2,00 mts   |
| Manoayo                | 4 832644950618052,-75.6692919862073   | El Progreso | arbol     | 6,7         | 5,01-10,00 mts  |
| Palma yuca             | 4 833773820281782,-75.669606338727474 | El Progreso | Arbusto   | 10,2        | 10,01-15,00 mts |
| Palma zancaña          | 4 835638672764968,-75.66907312009336  | El Progreso | Palma     | 15          | 10,01-15,00 mts |
| Quiebrabrigo           | 4 830485381614782,-75.6631466287432   | El Progreso | arbol     | 6,1         | 5,01-10,00 mts  |
| Pinon de oreja         | 4 83066615687872,-75.66777538508177   | El Progreso | arbol     | 0,91 - 9,10 | 0,00-2,00 mts   |
| Tambor                 | 4 830881651772702,-75.66773280501366  | El Progreso | arbol     | 10,3        | 10,01-15,00 mts |
| Palma quency           | 4 8300775341885866,-75.6660232304279  | El Progreso | Palma     | 6,6         | 5,01-10,00 mts  |
| Palma quency           | 4 830969182062311,-75.66618550968819  | El Progreso | Palma     | 8,3         | 5,01-10,00 mts  |
| Palma quency           | 4 830074861508184,-75.66625222563744  | El Progreso | Palma     | 7,2         | 5,01-10,00 mts  |
| Acacia amarilla        | 4 8310349068184,-75.6663318860795     | El Progreso | arbol     | 10,2        | 10,01-15,00 mts |
| Acacia amarilla        | 4 831037335400741,-75.66636152596479  | El Progreso | arbol     | 10,8        | 10,01-15,00 mts |
| Benjamin               | 4 831056378255602,-75.66640041768551  | El Progreso | arbol     | 11,2        | 10,01-15,00 mts |
| Acacia amarilla        | 4 831070075740876,-75.66641516083509  | El Progreso | arbol     | 3           | 2,01-5,00 mts   |
| Acacia amarilla        | 4 831088450415836,-75.66650904715063  | El Progreso | arbol     | 9,1         | 5,01-10,00 mts  |
| Acacia amarilla        | 4 831098472965588,-75.66650502383709  | El Progreso | arbol     | 10,5        | 10,01-15,00 mts |
| Acacia amarilla        | 4 83109045402578,-75.66655833274126   | El Progreso | arbol     | 8,9         | 5,01-10,00 mts  |
| Acacia amarilla        | 4 83110214790046,-75.6666096299867    | El Progreso | arbol     | 7,3         | 5,01-10,00 mts  |
| Acacia amarilla        | 4 831112504535002,-75.66666203880284  | El Progreso | arbol     | 9           | 5,01-10,00 mts  |
| Casco de vaca          | 4 83112119074449,-75.6668037325144    | El Progreso | arbol     | 10,7        | 10,01-15,00 mts |
| Casco de vaca          | 4 831143240352706,-75.66679289075394  | El Progreso | arbol     | 8,9         | 5,01-10,00 mts  |
| Enebro                 | 4 831168206724804,-75.66687416285276  | El Progreso | arbol     | 4           | 2,01-5,00 mts   |
| Enebro                 | 4 83124212649687,-75.6671229377389    | El Progreso | arbol     | 4,1         | 2,01-5,00 mts   |

| NOM_COM               | COORDENADA                            | BARRIO                    | HAB_CRECH     | H_mts_1      | Ranajo_fltu     |
|-----------------------|---------------------------------------|---------------------------|---------------|--------------|-----------------|
| Casco de vaca         | 4 831248143024382,-75.6671779230237   | El Progreso               | arbol         | 9,7          | 5,01-10,00 mts  |
| Enebro                | 4 8312728653077075,-75.66730365157127 | El Progreso               | arbol         | 3,9          | 2,01-5,00 mts   |
| Casco de vaca         | 4 8312858946188095,-75.66736031323671 | El Progreso               | arbol         | 11,5         | 10,01-15,00 mts |
| Acacia amarilla       | 4 831589196298187,-75.6674525141716   | El Progreso               | arbol         | 9,2          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 831541803601740,-75.667477995157214 | El Progreso               | arbol         |              | 0,00-2,00 mts   |
| Acacia amarilla       | 4 8315160790738885,-75.66750012338161 | El Progreso               | arbol         | 11           | 10,01-15,00 mts |
| Pino libro            | 4 831867202090669,-75.66902294754982  | El Progreso               | arbol         | 4,1          | 2,01-5,00 mts   |
| Aguacate              | 4 831815084889392,-75.669096930336952 | El Progreso               | arbol         | 5,5          | 5,01-10,00 mts  |
| Aguacate              | 4 832003842882644,-75.66921673715115  | El Progreso               | arbol         | 5,7          | 5,01-10,00 mts  |
| Guadua                | 4 832028899022923,-75.66921707242727  | El Progreso               | Herbacea rizo | 0            | 0,00-2,00 mts   |
| Guayacan rosado       | 4 832110740728074,-75.6693072617054   | El Progreso               | arbol         | 9,4          | 5,01-10,00 mts  |
| Palma areca           | 4 832117795022396,-75.66929680986166  | El Progreso               | Palma         | 6,2          | 5,01-10,00 mts  |
| Cedro japonés         | 4 832345611084299,-75.6695761531914   | El Progreso               | arbol         | 0,21 - 2,10  | 0,00-2,00 mts   |
| Araucaria             | 4 832262089865428,-75.66924791783094  | El Progreso               | arbol         | 15,3         | 15,01-28,00 mts |
| Palma areca           | 4 832427461751195,-75.66906201443195  | El Progreso               | Palma         | 5            | 2,01-5,00 mts   |
| Araucaria             | 4 83245847854208,-75.66902495920657   | El Progreso               | arbol         | 3,3          | 2,01-5,00 mts   |
| Milfanaria careada    | 4 83223937224477,-75.66940817961958   | El Progreso               | Arbusto       | 7,2          | 5,01-10,00 mts  |
| Palma areca           | 4 832298812231771,-75.66901993006468  | El Progreso               | Palma         | 5,4          | 5,01-10,00 mts  |
| Guayabo dulce         | 4 8318535046214794,-75.66902931779623 | El Progreso               | arbol         | 4,2          | 2,01-5,00 mts   |
| Cedro japonés         | 4 831906289898979,-75.66908430308104  | El Progreso               | arbol         | 4,7          | 2,01-5,00 mts   |
| Higuero               | 4 832256744634764,-75.66903196472512  | El Progreso               | arbol         | 5,1          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 832282434069862,-75.66948931964228  | El Progreso               | arbol         | 7            | 5,01-10,00 mts  |
| Tulipan africano      | 4 8319958346535615,-75.66905580461025 | El Progreso               | arbol         | 1,41 - 14,10 | 0,00-2,00 mts   |
| Palma areca           | 4 832026894515751,-75.66909905523082  | El Progreso               | Palma         | 7            | 5,01-10,00 mts  |
| Zapote                | 4 832192296338894,-75.66874399781227  | El Progreso               | arbol         | 6,4          | 5,01-10,00 mts  |
| Palma robelini        | 4 832275787448352,-75.6694695353508   | El Progreso               | Palma         | 0,41 - 4,10  | 0,00-2,00 mts   |
| Almendro              | 4 83178346848185,-75.6674213334918    | El Progreso               | arbol         | 5,8          | 5,01-10,00 mts  |
| Palma Robelini        | 4 83111N - 75.66867W                  | El Progreso               | Palma         | 3,6          | 0,00-5,00 mts   |
| Palma Quency          | 483329386- 75.6690999                 | El Progreso               | Palma         | 1,5          | 0,00-5,00 mts   |
| Palma Quency          | 48332789- 75.66911819                 | El Progreso               | Palma         | 1,5          | 0,00-5,00 mts   |
| Palma Quency          | 483326287- 75.66915508                | El Progreso               | Palma         | 1,5          | 0,00-5,00 mts   |
| Palma Quency          | 483325286- 75.66921353                | El Progreso               | Palma         | 3            | 0,00-5,00 mts   |
| Palma Quency          | 483321416- 75.6693285                 | El Progreso               | Palma         | 3            | 0,00-5,00 mts   |
| Palma Quency          | 483331238- 75.6693304                 | El Progreso               | Palma         | 3            | 0,00-5,00 mts   |
| Palma Quency          | 483330443- 75.66933273                | El Progreso               | Palma         | 3            | 0,00-5,00 mts   |
| Palma Quency          | 483329661- 75.66931938                | El Progreso               | Palma         | 3            | 0,00-5,00 mts   |
| Palma Quency          | 48332892- 75.66930926                 | El Progreso               | Palma         | 3            | 0,00-5,00 mts   |
| Palma Quency          | 483327302- 75.66930117                | El Progreso               | Palma         | 3            | 0,00-5,00 mts   |
| Palma Quency          | 48333436- 75.66928793                 | El Progreso               | Palma         | 3            | 0,00-5,00 mts   |
| Palma Quency          | 483320725- 75.66929969                | El Progreso               | Palma         | 3            | 0,00-5,00 mts   |
| Palma Quency          | 483318856- 75.6693781                 | El Progreso               | Palma         | 3            | 0,00-5,00 mts   |
| Palma Quency          | 483317259- 75.66940616                | El Progreso               | Palma         | 3            | 0,00-5,00 mts   |
| Palma Quency          | 483316375- 75.66941216                | El Progreso               | Palma         | 3            | 0,00-5,00 mts   |
| Palma Quency          | 483314723- 75.66942247                | El Progreso               | Palma         | 3            | 0,00-5,00 mts   |
| Palma Quency          | 483313132- 75.66944064                | El Progreso               | Palma         | 2            | 0,00-5,00 mts   |
| Palma Quency          | 483312709- 75.66945975                | El Progreso               | Palma         | 4            | 0,00-5,00 mts   |
| Acacia amarilla       | 4 8345458- 75.6647068                 | El Progreso               | arbol         | 10           | 5,01-15,00 mts  |
| Acacia amarilla       | 4 83454746- 75.66472434               | El Progreso               | arbol         | 10           | 5,01-15,00 mts  |
| Saman                 | 4 83461788- 75.66976261               | El Progreso               | arbol         | 20           | 15,01-20,00 mts |
| Acacia amarilla       | 4 83447397- 75.66959196               | El Progreso               | arbol         | 20           | 15,01-20,00 mts |
| Acacia amarilla       | 4 83454416- 75.66944737               | El Progreso               | arbol         | 20           | 15,01-20,00 mts |
| Acacia amarilla       | 4 83463116- 75.66948721               | El Progreso               | arbol         | 20           | 15,01-20,00 mts |
| Acacia amarilla       | 4 83452721- 75.6694888                | El Progreso               | arbol         | 20           | 15,01-20,00 mts |
| Palma Arca            | 4 8322N - 75.6672W                    | El progreso - Los Molinos | Palma         | 4,2          | 0,00-5,00 mts   |
| Palma Arca            | 4 8322N - 75.6672W                    | El progreso - Los Molinos | Palma         | 4            | 0,00-5,00 mts   |
| Palma Arca            | 4 8322N - 75.6672W                    | El progreso - Los Molinos | Palma         | 3,6          | 0,00-5,00 mts   |
| Palma Arca            | 4 8322N - 75.6672W                    | El progreso - Los Molinos | Palma         | 4,1          | 0,00-5,00 mts   |
| Palma Arca            | 4 8322N - 75.6672W                    | El progreso - Los Molinos | Palma         | 2,8          | 0,00-5,00 mts   |
| Palma Arca            | 4 8322N - 75.6672W                    | El progreso - Los Molinos | Palma         | 3,3          | 0,00-5,00 mts   |
| Palma Arca            | 4 8322N - 75.6672W                    | El progreso - Los Molinos | Palma         | 2,5          | 0,00-5,00 mts   |
| Palma Arca            | 4 8322N - 75.6672W                    | El progreso - Los Molinos | Palma         | 3,6          | 0,00-5,00 mts   |
| Limon mandarino       | 4 82806163360898,-75.68366412073374   | El Refugio                | arbol         | 4,2          | 2,01-5,00 mts   |
| Mandarino             | 4 828052613274719,-75.68362254640401  | El Refugio                | arbol         | 5,8          | 5,01-10,00 mts  |
| Mango                 | 4 827990473184704,-75.68357091397047  | El Refugio                | arbol         | 0,49-4,9     | 0,00-2,00 mts   |
| Aguacate              | 4 827889579047947,-75.68353202193975  | El Refugio                | arbol         | 7,70 - 12,70 | 5,01-10,00 mts  |
| Naranja               | 4 827891240480787,-75.6835514679551   | El Refugio                | arbol         | 4,6          | 2,01-5,00 mts   |
| Naranja               | 4 82786853109367,-75.68355482071638   | El Refugio                | arbol         | 0,48-4,8     | 0,00-2,00 mts   |
| Guanabano             | 4 827864522554696,-75.68355314433575  | El Refugio                | arbol         | 2,3          | 2,01-5,00 mts   |
| Mango                 | 4 827844477350431,-75.68359023758985  | El Refugio                | arbol         | 6            | 5,01-10,00 mts  |
| Mandarino             | 4 82782276173055,-75.68359000247007   | El Refugio                | arbol         | 4,6          | 2,01-5,00 mts   |
| Mandarino             | 4 827818084518002,-75.68358197808266  | El Refugio                | arbol         | 5,9          | 5,01-10,00 mts  |
| Naranja               | 4 827798707404683,-75.6836104765344   | El Refugio                | arbol         | 4,5          | 2,01-5,00 mts   |
| Guayacan rosado       | 4 8277208856484725,-75.68364366890001 | El Refugio                | arbol         | 8,4 - 12,40  | 5,01-10,00 mts  |
| Palma de corozo       | 4 827758951186321,-75.68358197808266  | El Refugio                | Palma         | 7            | 5,01-10,00 mts  |
| Palma yuca            | 4 827861515775433,-75.68351089954376  | El Refugio                | Arbusto       | 15,7         | 15,01-28,00 mts |
| Palma areca           | 4 827577208032657,-75.6838783621788   | El Refugio                | Palma         | 3,5          | 2,01-5,00 mts   |
| Palma areca           | 4 8281N - 75.6840W                    | El Refugio                | Palma         | 3,6          | 0,00-5,00 mts   |
| Palma areca           | 4 8282N - 75.6840W                    | El Refugio                | Palma         | 2,7          | 0,00-5,00 mts   |
| Casco de Vaca         | 4 8282N - 75.6840W                    | El Refugio                | arbol         | 5,2          | 5,01-15,00 mts  |
| Casco de vaca         | 4 8282N - 75.6840W                    | El Refugio                | arbol         | 5,4          | 5,01-15,00 mts  |
| Guayabo dulce         | 4 855730465010306,-75.6617843397088   | El Rosal                  | arbol         | 3,6          | 2,01-5,00 mts   |
| Naranja               | 4 8558363461288,-75.66169917583466    | El Rosal                  | arbol         | 3,8          | 2,01-5,00 mts   |
| Aguacate              | 4 8559576145323575,-75.66174745599692 | El Rosal                  | arbol         | 4,7          | 2,01-5,00 mts   |
| Francoesina           | 4 855674654890161,-75.66183261573313  | El Rosal                  | Arbusto       | 2,3          | 2,01-5,00 mts   |
| Francoesina           | 4 85568000005993,-75.6618249691061    | El Rosal                  | Arbusto       | 2,1          | 2,01-5,00 mts   |
| Francoesina           | 4 8556977059162225,-75.66181048750877 | El Rosal                  | Arbusto       | 2,6          | 2,01-5,00 mts   |
| Francoesina           | 4 855692694823662,-75.66182892769574  | El Rosal                  | Arbusto       | 2,5          | 2,01-5,00 mts   |
| Naranja               | 4 856772083300228,-75.66192615777254  | El Rosal                  | arbol         | 4,4          | 2,01-5,00 mts   |
| Palma areca           | 4 856755045612535,-75.66183160990477  | El Rosal                  | Palma         | 4,5          | 2,01-5,00 mts   |
| Palma areca           | 4 8566501468984224,-75.66220980137587 | El Rosal                  | Palma         | 7,1          | 5,01-10,00 mts  |
| Palma areca           | 4 856988562118183,-75.66197644019157  | El Rosal                  | Palma         | 6,8          | 5,01-10,00 mts  |
| Palma areca           | 4 856734333128882,-75.66245689988136  | El Rosal                  | Palma         | 6,1          | 5,01-10,00 mts  |
| Francoesina           | 4 857212390452536,-75.66206523008138  | El Rosal                  | Arbusto       | 3,1          | 2,01-5,00 mts   |
| Limon tahiti          | 4 857253481317786,-75.66179003996504  | El Rosal                  | arbol         | 4,2          | 2,01-5,00 mts   |
| Palma areca           | 4 857023639697877,-75.66223494708538  | El Rosal                  | Palma         | 2,5          | 2,01-5,00 mts   |
| Palma cola de pescado | 4 857108159953841,-75.66245455294847  | El Rosal                  | Palma         | 5,7          | 5,01-10,00 mts  |
| Palma quency          | 4 85707675717223,-75.66247701644897   | El Rosal                  | Palma         | 7,5          | 5,01-10,00 mts  |
| Palma areca           | 4 85683659251737,-75.66240057349205   | El Rosal                  | Palma         | 2,5          | 2,01-5,00 mts   |
| Palma areca           | 4 856745023443113,-75.66245287656784  | El Rosal                  | Palma         | 4,7          | 2,01-5,00 mts   |
| Palma areca           | 4 856689567436224,-75.66250853204049  | El Rosal                  | Palma         | 5,2          | 5,01-10,00 mts  |
| Palma areca           | 4 8566- 75.6821                       | El Rosal                  | Palma         | 1,6          | 0,00-5,00 mts   |
| Palma areca           | 4 8567- 75.6822                       | El Rosal                  | Palma         | 1,7          | 0,00-5,00 mts   |
| Cicada                | 4 8567- 75.6822                       | El Rosal                  | arbol         | 2            | 0,00-5,00 mts   |
| Palma areca           | 4 8568- 75.6821                       | El Rosal                  | Palma         | 1,7          | 0,00-5,00 mts   |
| Francoesina           | 4 8566- 75.6824                       | El Rosal                  | arbol         | 2,3          | 0,00-5,00 mts   |
| Palma areca           | 4 8570- 75.6820                       | El Rosal                  | Palma         | 1,9          | 0,00-5,00 mts   |
| Palma areca           | 4 8570- 75.6820                       | El Rosal                  | Palma         | 2,6          | 0,00-5,00 mts   |
| Palma areca           | 4 8571- 75.6823                       | El Rosal                  | Palma         | 2,4          | 0,00-5,00 mts   |
| Palma areca           | 4 8568- 75.6825                       | El Rosal                  | Palma         | 2,7          | 0,00-5,00 mts   |
| Aguacate              | 4 8557301- 75.66180218                | El Rosal                  | arbol         | 3            | 0,00-5,00 mts   |
| Limon                 | 4 85572493- 75.661722749              | El Rosal                  | arbol         | 3            | 0,00-5,00 mts   |
| Aguacate              | 4 85572258- 75.66172592               | El Rosal                  | arbol         | 5            | 0,00-5,00 mts   |
| Limon                 | 4 85577849- 75.66175066               | El Rosal                  | arbol         | 6            | 5,00-15,00      |

| NOM_COM           | COORDENADA                             | BARRIO   | HAB_CRECH | H_mts_1  | Rango_ajtu      |
|-------------------|--|----------|-----------|----------|-----------------|
| Guayacan amarillo | 4 85588775 - 75 66169998               | El Rosal | arbol     | 12       | 5,00- 15,00     |
| Limon             | 4 85587275 - 75 66169981               | El Rosal | arbol     | 6        | 5,00- 15,00     |
| Caucho            | 4 8558775 - 75 66174719                | El Rosal | arbol     | 7        | 5,00- 15,00     |
| Caucho            | 4 85590038 - 75 66166479               | El Rosal | arbol     | 6        | 5,00- 15,00     |
| Tulipan afroano   | 4 85591998 - 75 66169565               | El Rosal | arbol     | 7        | 5,00- 15,00     |
| Guayabo dulce     | 4 85601282 - 75 66173479               | El Rosal | arbol     | 8        | 5,00- 15,00     |
| Caucho            | 4 85591934 - 75 66167971               | El Rosal | arbol     | 9        | 5,00- 15,00     |
| Limon tahiti      | 4 85600232 - 75 66160202               | El Rosal | arbol     | 3        | 00,00-5,00      |
| Mandarino         | 4 85681821 - 75 66161817               | El Rosal | arbol     | 5        | 00,00-5,00      |
| Chachafuto        | 4 85682221 - 75 66162024               | El Rosal | arbol     | 5        | 00,00-5,00      |
| Chachafuto        | 4 85681505 - 75 66163341               | El Rosal | arbol     | 10       | 5,00- 15,00     |
| Aguaicate         | 4 85681258 - 75 66161906               | El Rosal | arbol     | 6        | 5,00- 15,00     |
| Mango             | 4 85682055 - 75 66160318               | El Rosal | arbol     | 5        | 00,00-5,00      |
| Dracena           | 4 85686464 - 75 66161818               | El Rosal | Arbusto   | 2        | 00,00-5,00      |
| Dracena           | 4 85725348 - 75 66179003               | El Rosal | Arbusto   | 1,5      | 0,00-5,00 mts   |
| Aguaicate         | 4 85573011 - 75 66160218               | El Rosal | arbol     | 3        | 00,00-5,00      |
| Limon             | 4 85573493 - 75 661722749              | El Rosal | arbol     | 3        | 00,00-5,00      |
| Aguaicate         | 4 85572258 - 75 66172592               | El Rosal | arbol     | 5        | 00,00-5,00      |
| Limon             | 4 85577849 - 75 66175096               | El Rosal | arbol     | 6        | 5,00- 15,00     |
| Guayacan amarillo | 4 85588775 - 75 66169998               | El Rosal | arbol     | 12       | 5,00- 15,00     |
| Limon             | 4 85587275 - 75 66169981               | El Rosal | arbol     | 6        | 5,00- 15,00     |
| Caucho            | 4 8558775 - 75 66174719                | El Rosal | arbol     | 7        | 5,00- 15,00     |
| Caucho            | 4 85590038 - 75 66166479               | El Rosal | arbol     | 6        | 5,00- 15,00     |
| Tulipan afroano   | 4 85591998 - 75 66169565               | El Rosal | arbol     | 7        | 5,00- 15,00     |
| Guayabo dulce     | 4 85601282 - 75 66173479               | El Rosal | arbol     | 8        | 5,00- 15,00     |
| Caucho            | 4 85591934 - 75 66167971               | El Rosal | arbol     | 9        | 5,00- 15,00     |
| Limon tahiti      | 4 85600232 - 75 66160202               | El Rosal | arbol     | 3        | 00,00-5,00      |
| Paño de la cruz   | 4 8566N - 75 6629W                     | El Rosal | Arbol     | 4,2      | 0,00-5,00 mts   |
| Palma quency      | 4 847702961529489 - 75 65969961036444  | Emaus    | Palma     | 6,7      | 5,01-10,00 mts  |
| Palma areca       | 4 847652850006752 - 75 65705996006727  | Emaus    | Palma     | 5,6      | 5,01-10,00 mts  |
| Mango             | 4 8237218170076121 - 75 69213923066768 | Frailes  | Arbol     | 7,7      | 10,01-15,00 mts |
| Aguaicate         | 4 811712246455427 - 75 66116072237492  | Frailes  | Arbol     | 11       | 10,01-15,00 mts |
| Palma areca       | 4 811822831734003 - 75 6612277760029   | Frailes  | Palma     | 3,5      | 2,01-5,00 mts   |
| Palma areca       | 4 811675830151299 - 75 66151041537523  | Frailes  | Palma     | 6,8      | 5,01-10,00 mts  |
| Palma quency      | 4 811633734237677 - 75 66158417612314  | Frailes  | Palma     | 9,2      | 5,01-10,00 mts  |
| Pino azul         | 4 811536836590295 - 75 66153321415186  | Frailes  | arbol     | 4,7      | 2,01-5,00 mts   |
| Mango             | 4 811106198718451 - 75 66160496324301  | Frailes  | arbol     | 6,8      | 5,01-10,00 mts  |
| Aguaicate         | 4 812050769512415 - 75 66083651036024  | Frailes  | arbol     | 7,5      | 5,01-10,00 mts  |
| Palma cubana      | 4 81289628326527 - 75 66079426596826   | Frailes  | Palma     | 13       | 10,01-15,00 mts |
| Acacia amarilla   | 4 812802396015307 - 75 66074397414923  | Frailes  | arbol     | 8        | 5,01-10,00 mts  |
| Acacia amarilla   | 4 812806071049171 - 75 66074062138796  | Frailes  | Arbol     | 11       | 10,01-15,00 mts |
| Acacia amarilla   | 4 812749943256986 - 75 66070038625274  | Frailes  | Arbol     | 8,2      | 5,01-10,00 mts  |
| Guayacan rosado   | 4 812691142070781 - 75 66068896886442  | Frailes  | arbol     | 9        | 5,01-10,00 mts  |
| Acacia amarilla   | 4 812696002500555 - 75 6606076738596   | Frailes  | arbol     | 7,5      | 5,01-10,00 mts  |
| Palma cubana      | 4 8122989895642899 - 75 66044624894857 | Frailes  | Palma     | 10       | 5,01-10,00 mts  |
| Palma areca       | 4 8122320073367945 - 75 66020786762238 | Frailes  | Palma     | 7,5      | 5,01-10,00 mts  |
| Palma areca       | 4 812329692856382 - 75 66000804305077  | Frailes  | Palma     | 3,9      | 2,01-5,00 mts   |
| Palma areca       | 4 8123603892424058 - 75 65996674580336 | Frailes  | Palma     | 4,2      | 2,01-5,00 mts   |
| Aguaicate         | 4 812702835996234 - 75 65888822078705  | Frailes  | arbol     | 0,11-1,1 | 0,00-2,00 mts   |
| Pino azul         | 4 8126311280577725 - 75 65925668025047 | Frailes  | arbol     | 4,7      | 2,01-5,00 mts   |
| Pino azul         | 4 81285150782995 - 75 65904495458603   | Frailes  | arbol     | 7,2      | 5,01-10,00 mts  |
| Pino libro        | 4 813739194916128 - 75 65934017300606  | Frailes  | Arbol     | 4,5      | 2,01-5,00 mts   |
| Palma quency      | 4 813481942850008 - 75 66019915044306  | Frailes  | Palma     | 11       | 10,01-15,00 mts |
| Palma areca       | 4 813500338529208 - 75 66017635166645  | Frailes  | Palma     | 8,5      | 5,01-10,00 mts  |
| Cedro japonés     | 4 813586848204976 - 75 66015120595694  | Frailes  | Arbol     | 8,2      | 5,01-10,00 mts  |
| Pino libro        | 4 813595868777007 - 75 6601310838932   | Frailes  | arbol     | 5,2      | 5,01-10,00 mts  |
| Palma quency      | 4 813620591702932 - 75 66008012741806  | Frailes  | Palma     | 10,2     | 10,01-15,00 mts |
| Palma zancona     | 4 8137816347930285 - 75 66031448543072 | Frailes  | Palma     | 4,7      | 2,01-5,00 mts   |
| Palma areca       | 4 8134448584532326 - 75 66012874245644 | Frailes  | Palma     | 4,5      | 2,01-5,00 mts   |
| Pino azul         | 4 81327781159584 - 75 66012807190418   | Frailes  | arbol     | 4        | 2,01-5,00 mts   |
| Palma areca       | 4 813257007782677 - 75 66000707774684  | Frailes  | Palma     | 7,2      | 5,01-10,00 mts  |
| Palma areca       | 4 81322439692831 - 75 66004626452923   | Frailes  | Palma     | 6,8      | 5,01-10,00 mts  |
| Palma areca       | 4 813187606275819 - 75 66002614796162  | Frailes  | Palma     | 6,5      | 5,01-10,00 mts  |
| Palma areca       | 4 813163551521776 - 75 6600033169985   | Frailes  | Palma     | 6,2      | 5,01-10,00 mts  |
| Palma areca       | 4 81300652741208 - 75 65993059426548   | Frailes  | Palma     | 7,5      | 5,01-10,00 mts  |
| Acacia amarilla   | 4 81306671154165 - 75 661491304636     | Frailes  | arbol     | 6,8      | 5,01-10,00 mts  |
| Acacia amarilla   | 4 8130847053776025 - 75 66149365196880 | Frailes  | arbol     | 10,2     | 10,01-15,00 mts |
| Palma areca       | 4 813332268875862 - 75 66160529851913  | Frailes  | Palma     | 8,5      | 5,01-10,00 mts  |
| Palma areca       | 4 813365010060519 - 75 66162943840027  | Frailes  | Palma     | 9,3      | 5,01-10,00 mts  |
| Pino azul         | 4 813480272381724 - 75 66174007952213  | Frailes  | arbol     | 4,8      | 2,01-5,00 mts   |
| Benjamin careado  | 4 813472588227591 - 75 66173572093248  | Frailes  | arbol     | 6,3      | 5,01-10,00 mts  |
| Liberalito        | 4 813479938288067 - 75 66175885498524  | Frailes  | arbol     | 7,4      | 5,01-10,00 mts  |
| Palma areca       | 4 81346647532583 - 75 6617658957839    | Frailes  | Palma     | 7        | 5,01-10,00 mts  |
| Acacia amarilla   | 4 813555777543872 - 75 6617762461996   | Frailes  | arbol     | 0,79-7,9 | 0,00-2,00 mts   |
| Benjamin careado  | 4 813645648721522 - 75 66185139119625  | Frailes  | arbol     | 0,1-1,0  | 0,00-2,00 mts   |
| Araucaria         | 4 8136152462055035 - 75 66202338784933 | Frailes  | arbol     | 6,3      | 5,01-10,00 mts  |
| Acacia amarilla   | 4 81357548067119 - 75 66207870841026   | Frailes  | arbol     | 9,4      | 5,01-10,00 mts  |
| Acacia amarilla   | 4 813575823160739 - 75 66215716302396  | Frailes  | arbol     | 8,8      | 5,01-10,00 mts  |
| Acacia amarilla   | 4 813555777543872 - 75 66227719187737  | Frailes  | arbol     | 10       | 5,01-10,00 mts  |
| Acacia amarilla   | 4 813402967940545 - 75 66266679430353  | Frailes  | arbol     | 10,5     | 10,01-15,00 mts |
| Acacia amarilla   | 4 813482611037309 - 75 66278300698519  | Frailes  | arbol     | 11       | 10,01-15,00 mts |
| Acacia amarilla   | 4 813494972502448 - 75 66281799229999  | Frailes  | arbol     | 9,8      | 5,01-10,00 mts  |
| Acacia amarilla   | 4 813439178860748 - 75 66315963964326  | Frailes  | arbol     | 5,7      | 5,01-10,00 mts  |
| Guanabano         | 4 81365846629662 - 75 66371619701385   | Frailes  | arbol     | 7,5      | 5,01-10,00 mts  |
| Acacia amarilla   | 4 813339953031585 - 75 66339064380469  | Frailes  | arbol     | 10,2     | 10,01-15,00 mts |
| Palma cubana      | 4 814481216239872 - 75 66491447389124  | Frailes  | Palma     | 11       | 10,01-15,00 mts |
| Palma cubana      | 4 814416402162806 - 75 66483501344919  | Frailes  | Palma     | 10       | 5,01-10,00 mts  |
| Mango             | 4 814047897267099 - 75 66468078643084  | Frailes  | arbol     | 8,5      | 5,01-10,00 mts  |
| Palma areca       | 4 813718147023489 - 75 66450744867325  | Frailes  | Palma     | 10       | 5,01-10,00 mts  |
| Chiminango        | 4 8136790580782245 - 75 66448196768759 | Frailes  | arbol     | 11       | 10,01-15,00 mts |
| Acacia de siam    | 4 813638632756407 - 75 664486654486577 | Frailes  | arbol     | 12       | 10,01-15,00 mts |
| Pino libro        | 4 8134334902682226 - 75 66430762410164 | Frailes  | arbol     | 4,2      | 2,01-5,00 mts   |
| Palma areca       | 4 812464626908399 - 75 663900931806293 | Frailes  | Palma     | 6,4      | 5,01-10,00 mts  |
| Almendro          | 4 812141223689504 - 75 6636431068182   | Frailes  | arbol     | 6,8      | 5,01-10,00 mts  |
| Almendro          | 4 812070395991305 - 75 66360110730234  | Frailes  | arbol     | 7,2      | 5,01-10,00 mts  |
| Cedro japonés     | 4 812050350030089 - 75 66387377679348  | Frailes  | arbol     | 6,2      | 5,01-10,00 mts  |
| Palma areca       | 4 8121255212565766 - 75 66376112401485 | Frailes  | Palma     | 4,3      | 2,01-5,00 mts   |
| Palma areca       | 4 812090775446254 - 75 663743019104    | Frailes  | Palma     | 5,2      | 5,01-10,00 mts  |
| Casco de vaca     | 4 811506778291941 - 75 66276770085096  | Frailes  | arbol     | 5,8      | 5,01-10,00 mts  |
| Palma cubana      | 4 811571926740733 - 75 66267214715481  | Frailes  | Palma     | 12       | 10,01-15,00 mts |
| Casco de vaca     | 4 811263223266593 - 75 66320667730103  | Frailes  | arbol     | 9,2      | 5,01-10,00 mts  |
| Casco de vaca     | 4 81121172673953 - 75 6631737202406    | Frailes  | arbol     | 10,5     | 10,01-15,00 mts |
| Mango             | 4 811152303802302 - 75 66313214600086  | Frailes  | arbol     | 7,5      | 5,01-10,00 mts  |
| Casco de vaca     | 4 811139942254621 - 75 662892312336    | Frailes  | arbol     | 8,7      | 5,01-10,00 mts  |
| Palma areca       | 4 8123 - 75 6637                       | Frailes  | Palma     | 3,8      | 0,00-5,00 mts   |
| Palma quency      | 4 8120 - 75 6638                       | Frailes  | Palma     | 1,5      | 0,00-5,00 mts   |
| Palma areca       | 4 8141 - 75 6645                       | Frailes  | Palma     | 2,8      | 0,00-5,00 mts   |
| Palma quency      | 4 8142 - 75 6649                       | Frailes  | Palma     | 10,3     | 5,01- 15,00     |
| Palma quency      | 4 8145 - 75 6636                       | Frailes  | Palma     | 10,5     | 5,01- 15,00     |
| Palma areca       | 4 8141 - 75 6637                       | Frailes  | Palma     | 3,8      | 0,00-5,00 mts   |
| Palma quency      | 4 8145 - 75 6636                       | Frailes  | Palma     | 10,2     | 5,00- 15,00     |
| Palma quency      | 4 8142 - 75 6636                       | Frailes  | Palma     | 8,3      | 5,00- 15,00     |
| Palma areca       | 4 8128 - 75 6607                       | Frailes  | Palma     | 1,6      | 0,00-5,00 mts   |



| NOM. COM              | COORDENADA                            | BARRIO  | HAB. CRECII | H. mts. 1   | Rango. situ     |
|-----------------------|---------------------------------------|---------|-------------|-------------|-----------------|
| Palma robelni         | 4.8131-75.6598                        | Fralles | Palma       | 2,5         | 0,00-5,00 mts   |
| Palma zancona         | 4.8137-75.6603                        | Fralles | Palma       | 6,6         | 5,00-15,00      |
| Palma Areca           | 4.8123-75.6601                        | Fralles | Palma       | 4,4         | 0,00-5,00 mts   |
| Palma Areca           | 4.8115-75.6612                        | Fralles | Palma       | 1,7         | 0,00-5,00 mts   |
| Palma Areca           | 4.8117-75.6613                        | Fralles | Palma       | 1,8         | 0,00-5,00 mts   |
| Palma quency          | 4.8117-75.6608                        | Fralles | Palma       | 7,1         | 5,00-15,00      |
| Acacia amarilla       | 4.8105N - 75.6628W                    | Fralles | árbol       | 3,6         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8105N - 75.6627W                    | Fralles | árbol       | 3           | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8104N - 75.6626W                    | Fralles | árbol       | 2,4         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8104N - 75.6626W                    | Fralles | árbol       | 2,2         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8103N - 75.6625W                    | Fralles | árbol       | 1,8         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8103N - 75.6625W                    | Fralles | árbol       | 1,3         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8103N - 75.6624W                    | Fralles | árbol       | 2,3         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8102N - 75.6623W                    | Fralles | árbol       | 0,5         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8102N - 75.6623W                    | Fralles | árbol       | 0,5         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8099N - 75.6620W                    | Fralles | árbol       | 0,9         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8099N - 75.6619W                    | Fralles | árbol       | 1,2         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8099N - 75.6618W                    | Fralles | árbol       | 1,4         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8099N - 75.6618W                    | Fralles | árbol       | 1           | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8097N - 75.6617W                    | Fralles | árbol       | 1,6         | 0,00-5,00 mts   |
| Almendo               | 4.8098N - 75.6617W                    | Fralles | árbol       | 1           | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8096N - 75.6616W                    | Fralles | árbol       | 1           | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8096N - 75.6615W                    | Fralles | árbol       | 1,2         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8095N - 75.6614W                    | Fralles | árbol       | 1,4         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8095N - 75.6614W                    | Fralles | árbol       | 1,6         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8095N - 75.6613W                    | Fralles | árbol       | 1,7         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8094N - 75.6613W                    | Fralles | árbol       | 1,1         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8094N - 75.6612W                    | Fralles | árbol       | 1,3         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8094N - 75.6611W                    | Fralles | árbol       | 1,5         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8094N - 75.6610W                    | Fralles | árbol       | 1,2         | 0,00-5,00 mts   |
| Palma Zancona         | 4.8093N - 75.6609W                    | Fralles | Palma       | 2,1         | 0,00-5,00 mts   |
| Palma Manila          | 4.8093N - 75.6609W                    | Fralles | Palma       | 1,9         | 0,00-5,00 mts   |
| Palma Zancona         | 4.8093N - 75.6609W                    | Fralles | Palma       | 2,2         | 0,00-5,00 mts   |
| Palma Manila          | 4.8094N - 75.6608W                    | Fralles | Palma       | 1,6         | 0,00-5,00 mts   |
| Palma Zancona         | 4.8094N - 75.6607W                    | Fralles | Palma       | 1,9         | 0,00-5,00 mts   |
| Almendo               | 4.8094N - 75.6606W                    | Fralles | árbol       | 1,7         | 0,00-5,00 mts   |
| Palma Manila          | 4.8095N - 75.6604W                    | Fralles | Palma       | 1,7         | 0,00-5,00 mts   |
| Palma Zancona         | 4.8095N - 75.6604W                    | Fralles | Palma       | 2,3         | 0,00-5,00 mts   |
| Palma Manila          | 4.8095N - 75.6602W                    | Fralles | Palma       | 1,7         | 0,00-5,00 mts   |
| Palma Zancona         | 4.8095N - 75.6602W                    | Fralles | Palma       | 2,4         | 0,00-5,00 mts   |
| Palma Manila          | 4.8096N - 75.6600W                    | Fralles | Palma       | 1,7         | 0,00-5,00 mts   |
| Palma Zancona         | 4.8096N - 75.6600W                    | Fralles | Palma       | 2,4         | 0,00-5,00 mts   |
| Palma Zancona         | 4.8096N - 75.6597W                    | Fralles | Palma       | 2,7         | 0,00-5,00 mts   |
| Palma Zancona         | 4.8096N - 75.6596W                    | Fralles | Palma       | 3           | 0,00-5,00 mts   |
| Palma Zancona         | 4.8096N - 75.6596W                    | Fralles | Palma       | 3,3         | 0,00-5,00 mts   |
| Palma Zancona         | 4.8097N - 75.6595W                    | Fralles | Palma       | 3,6         | 0,00-5,00 mts   |
| Palma Zancona         | 4.8097N - 75.6594W                    | Fralles | Palma       | 2,5         | 0,00-5,00 mts   |
| Palma Zancona         | 4.8097N - 75.6594W                    | Fralles | Palma       | 2,8         | 0,00-5,00 mts   |
| Palma Zancona         | 4.8098N - 75.6593W                    | Fralles | Palma       | 3,1         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8093N - 75.6611W                    | Fralles | árbol       | 0,4         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8093N - 75.6611W                    | Fralles | árbol       | 0,7         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8094N - 75.6612W                    | Fralles | árbol       | 1           | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8094N - 75.6613W                    | Fralles | árbol       | 1,3         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8094N - 75.6613W                    | Fralles | árbol       | 1,5         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8095N - 75.6614W                    | Fralles | árbol       | 0,5         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8095N - 75.6615W                    | Fralles | árbol       | 0,8         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8095N - 75.6615W                    | Fralles | árbol       | 1,1         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8096N - 75.6616W                    | Fralles | árbol       | 1,4         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8096N - 75.6616W                    | Fralles | árbol       | 1,7         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8096N - 75.6617W                    | Fralles | árbol       | 2           | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8097N - 75.6618W                    | Fralles | árbol       | 2,3         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8097N - 75.6618W                    | Fralles | árbol       | 2,5         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8098N - 75.6619W                    | Fralles | árbol       | 0,6         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8098N - 75.6619W                    | Fralles | árbol       | 1           | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8099N - 75.6620W                    | Fralles | árbol       | 1,2         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8099N - 75.6620W                    | Fralles | árbol       | 1,5         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8100N - 75.6621W                    | Fralles | árbol       | 1,8         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8100N - 75.6621W                    | Fralles | árbol       | 2,1         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8101N - 75.6622W                    | Fralles | árbol       | 2,4         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8101N - 75.6623W                    | Fralles | árbol       | 0,7         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8101N - 75.6623W                    | Fralles | árbol       | 0,9         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8102N - 75.6624W                    | Fralles | árbol       | 1,2         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8102N - 75.6624W                    | Fralles | árbol       | 1,5         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8103N - 75.6625W                    | Fralles | árbol       | 1,8         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8103N - 75.6625W                    | Fralles | árbol       | 2,1         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8104N - 75.6626W                    | Fralles | árbol       | 2,4         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8104N - 75.6626W                    | Fralles | árbol       | 1,3         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8104N - 75.6627W                    | Fralles | árbol       | 1,6         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8105N - 75.6627W                    | Fralles | árbol       | 1,9         | 0,00-5,00 mts   |
| Higueron              | 4.8110940-75.66250214                 | Fralles | árbol       | 15          | 5,01-15,00 mts  |
| Palma areca           | 4.8121-75.6636                        | Fralles | Palma       | 4,2         | 0,00-5,00 mts   |
| Sauco                 | 4.834710296163633,-75.66402867436409  | Girasol | Arbusto     | 3,5         | 2,01-5,00 mts   |
| Palma de coco         | 4.835071400016205,-75.66352140158415  | Girasol | Palma       | 4,1         | 2,01-5,00 mts   |
| Palma quency          | 4.835043337041035,-75.66345037550068  | Girasol | Palma       | 5,1         | 5,01-10,00 mts  |
| Guayabo dulce         | 4.8350252965956396,-75.6634758040309  | Girasol | árbol       | 4,4         | 2,01-5,00 mts   |
| Guayabo dulce         | 4.834946118968074,-75.66335946321487  | Girasol | árbol       | 0,41-4,1    | 0,00-2,00 mts   |
| Palma cola de pescado | 4.8349254057160085,-75.66328972578049 | Girasol | Palma       | 5,8         | 5,01-10,00 mts  |
| Acacia mangium        | 4.834558248286515,-75.66255144774914  | Girasol | árbol       | 3,6         | 2,01-5,00 mts   |
| Aguacate              | 4.834361139120347,-75.66219136118889  | Girasol | árbol       | 5,4         | 5,01-10,00 mts  |
| Aguacate              | 4.8343267285312255,-75.66215749830008 | Girasol | árbol       | 5,8         | 5,01-10,00 mts  |
| Croto                 | 4.83362181219457,-75.66321562975645   | Girasol | Arbusto     | 3,2         | 2,01-5,00 mts   |
| Guayacan de marizales | 4.832882484462039,-75.6615985929966   | Girasol | árbol       | 7           | 5,01-10,00 mts  |
| Guayacan de marizales | 4.83250553626249,-75.66165491938501   | Girasol | árbol       | 6           | 5,01-10,00 mts  |
| Guayacan de marizales | 4.833012777252484,-75.66180981695652  | Girasol | árbol       | 0,51-5,1    | 0,00-2,00 mts   |
| Guayacan de marizales | 4.833050862832659,-75.66188458353281  | Girasol | árbol       | 5,4         | 5,01-10,00 mts  |
| Cipres                | 4.833237281894177,-75.66213436424732  | Girasol | árbol       | 7           | 5,01-10,00 mts  |
| Benjamin              | 4.833291069206929,-75.66259570419788  | Girasol | árbol       | 10,1        | 10,01-15,00 mts |
| Naranjo               | 4.833319132253378,-75.66261112689973  | Girasol | árbol       | 5           | 2,01-5,00 mts   |
| Zapote                | 4.833375258345302,-75.66263157874346  | Girasol | árbol       | 9,8         | 5,01-10,00 mts  |
| Mandarino             | 4.833379267351785,-75.6625580633879   | Girasol | árbol       | 4,2         | 2,01-5,00 mts   |
| Aguacate              | 4.833396305628709,-75.6625211830139   | Girasol | árbol       | 9,2         | 5,01-10,00 mts  |
| Palma areca           | 4.833482499258202,-75.662920020204094 | Girasol | Palma       | 4,5         | 2,01-5,00 mts   |
| Araucaria             | 4.833678054379033,-75.66139809787273  | Girasol | árbol       | 13,8        | 10,01-15,00 mts |
| Araucaria             | 4.833689702288507,-75.66138903467808  | Girasol | árbol       | 16,6        | 15,01-28,00 mts |
| Aguacate              | 4.833695426727018,-75.66133238375187  | Girasol | árbol       | 8,9         | 5,01-10,00 mts  |
| Aguacate              | 4.833693088141736,-75.66130556166172  | Girasol | árbol       | 4,7         | 2,01-5,00 mts   |
| Aguacate              | 4.833958568256509,-75.66120900213718  | Girasol | árbol       | 12,8        | 10,01-15,00 mts |
| Guayabo dulce         | 4.833908455987715,-75.66119860857725  | Girasol | árbol       | 5,5         | 5,01-10,00 mts  |
| Guayacan rosado       | 4.8332083733806,-75.66119156777859    | Girasol | árbol       | 8,3         | 5,01-10,00 mts  |
| Desconocido - Nogal   | 4.833679056629903,-75.6611717864871   | Girasol | árbol       | 1,01 - 11,0 | 0,00-2,00 mts   |
| Laurel rosado         | 4.833782172373504,-75.66116508096457  | Girasol | árbol       | 17          | 15,01-28,00 mts |
| Croto                 | 4.833452765798171,-75.66306173801422  | Girasol | Arbusto     | 2,08        | 2,01-5,00 mts   |
| Uraçan                | 4.8335964218294105,-75.66351000219584 | Girasol | árbol       | 11          | 10,01-15,00 mts |

| NOM. COM          | COORDENADA           | BARRIO                | HAB. CRECII | H. mts. 1    | Rango. situ      |
|-------------------|----------------------|-----------------------|-------------|--------------|------------------|
| Urapan            | 4.8335944-75.6629856 | Girasol               | arbol       | 18           | 15.01-28.00 mts  |
| Urapan            | 4.833606778425836    | Girasol               | arbol       | 19.8         | 15.01-28.00 mts  |
| Acacia amarilla   | 4.834392542097444    | Girasol               | arbol       | 2.6          | 2.01-5.00 mts    |
| Dracena           | 4.8347N - 75.6640W   | Girasol               | Arbusto     | 3.4          | 0.00-5.00 mts    |
| Milofaria         | 4.8346N - 75.6641W   | Girasol               | Arbusto     | 3.2          | 0.00-5.00 mts    |
| Vainillo          | 4.8346N - 75.6640W   | Girasol               | arbol       | 2.5          | 0.00-5.00 mts    |
| Casco de vaca     | 4.8340N - 75.6612W   | Girasol               | arbol       | 12           | 5.01-15.00 mts   |
| Higuera           | 4.8342N - 75.6622W   | Girasol               | arbol       | 2.2          | 0.00-5.00 mts    |
| Araucaria         | 4.8343- 75.6622      | Girasol - Pablo sexto | arbol       | 15.5         | 15.01- 20.00 mts |
| Dracena           | 4.8343- 75.6622      | Girasol - Pablo sexto | arbol       | 4.4          | 0.00-5.00 mts    |
| Palma areca       | 4.8344- 75.6623      | Girasol - Pablo sexto | Palma       | 1.6          | 0.00-5.00 mts    |
| Mango             | 4.8344- 75.6623      | Girasol - Pablo sexto | arbol       | 1.7          | 0.00-5.00 mts    |
| Guayabo dulce     | 4.8344- 75.6622      | Girasol - Pablo sexto | arbol       | 4.3          | 0.00-5.00 mts    |
| Guayabo dulce     | 4.8344- 75.6622      | Girasol - Pablo sexto | arbol       | 5.6          | 5.01-15.00 mts   |
| Guayabo dulce     | 4.8344- 75.6623      | Girasol - Pablo sexto | arbol       | 6.6          | 5.01-15.00 mts   |
| naranja           | 4.8345- 75.6628      | Girasol - Pablo sexto | arbol       | 3.1          | 0.00-5.00 mts    |
| Saman             | 4.8345- 75.6630      | Girasol - Pablo sexto | arbol       | 3.5          | 0.00-5.00 mts    |
| Limon mandarina   | 4.8345- 75.6633      | Girasol - Pablo sexto | arbol       | 2.4          | 0.00-5.00 mts    |
| Palma areca       | 4.8345- 75.6635      | Girasol - Pablo sexto | Palma       | 3.3          | 0.00-5.00 mts    |
| Anon              | 4.8351- 75.6637      | Girasol - Pablo sexto | arbol       | 5.1          | 5.01-15.00 mts   |
| Aguaate           | 4.8351N - 75.6637W   | Girasol - Pablo sexto | arbol       | 4.1          | 0.00-5.00 mts    |
| Aguaate           | 4.8352N - 75.6637W   | Girasol - Pablo sexto | arbol       | 3.9          | 0.00-5.00 mts    |
| Warwick carlado   | 4.8357988309426375   | Guadalupe             | Arbusto     | 7            | 5.01-10.00 mts   |
| Granado           | 4.835919670382895    | Guadalupe             | arbol       | 7.2          | 5.01-10.00 mts   |
| Acacia amarilla   | 4.835223073695216    | Guadalupe             | arbol       | 6.5          | 5.01-10.00 mts   |
| Araucaria         | 4.836005179289692    | Guadalupe             | arbol       | 10           | 5.01-10.00 mts   |
| Araucaria         | 4.836044935061532    | Guadalupe             | arbol       | 16.8         | 15.01-28.00 mts  |
| Araucaria         | 4.836088365734000    | Guadalupe             | arbol       | 5.5          | 5.01-10.00 mts   |
| Casco de vaca     | 4.83707220332179     | Guadalupe             | arbol       | 16           | 15.01-28.00 mts  |
| Guayacan rosado   | 4.837148720623825    | Guadalupe             | arbol       | 14.0 - 16.0  | 10.01-15.00 mts  |
| Casco de monte    | 4.837210530284196    | Guadalupe             | arbol       | 15.5         | 15.01-28.00 mts  |
| Mango             | 4.837225228980923    | Guadalupe             | arbol       | 1.32 - 13.20 | 0.00-2.00 mts    |
| Urapan            | 4.837301066493471    | Guadalupe             | arbol       | 17.9 - 20.0  | 15.01-28.00 mts  |
| Araucaria         | 4.837315432016344    | Guadalupe             | arbol       | 17.5         | 15.01-28.00 mts  |
| Guayacan rosado   | 4.8374530737549305   | Guadalupe             | arbol       | 16           | 15.01-28.00 mts  |
| Benjamin          | 4.8374507351819425   | Guadalupe             | arbol       | 0,12 - 12,0  | 0,00-2,00 mts    |
| Casco de vaca     | 4.837482138875762    | Guadalupe             | arbol       | 9            | 5.01-10.00 mts   |
| Araucaria         | 4.83751956040972     | Guadalupe             | arbol       | 14           | 10.01-15.00 mts  |
| Urapan            | 4.837486147857855    | Guadalupe             | arbol       | 14           | 10.01-15.00 mts  |
| Araucaria         | 4.837415659586040    | Guadalupe             | arbol       | 10           | 5.01-10.00 mts   |
| Casco de vaca     | 4.837294718936757    | Guadalupe             | arbol       | 17.5         | 15.01-28.00 mts  |
| Araucaria         | 4.837198837414915    | Guadalupe             | arbol       | 16           | 15.01-28.00 mts  |
| Higuera           | 4.837206855382421    | Guadalupe             | arbol       | 12.6         | 10.01-15.00 mts  |
| Araucaria         | 4.837021773941691    | Guadalupe             | arbol       | 16           | 15.01-28.00 mts  |
| Araucaria         | 4.836926236463917    | Guadalupe             | arbol       | 0,18 - 18,0  | 0,00-2,00 mts    |
| Abotjava          | 4.837672231416876    | Guadalupe             | arbol       | 3.8          | 2.01-5.00 mts    |
| Mamoncillo        | 4.837587708729442    | Guadalupe             | arbol       | 5.7          | 5.01-10.00 mts   |
| Palma areca       | 4.837177122086794    | Guadalupe             | Palma       | 4.2          | 2.01-5.00 mts    |
| Palma areca       | 4.8371537383459325   | Guadalupe             | Palma       | 6.9          | 5.01-10.00 mts   |
| Palma areca       | 4.837127009785134    | Guadalupe             | Palma       | 6.1          | 5.01-10.00 mts   |
| Dracena           | 4.837053845819517    | Guadalupe             | Arbusto     | 11           | 10.01-15.00 mts  |
| Dracena           | 4.837038143962856    | Guadalupe             | Arbusto     | 11.4         | 10.01-15.00 mts  |
| Acacia amarilla   | 4.8367909291929      | Guadalupe             | arbol       | 11.8         | 10.01-15.00 mts  |
| Guayacan rosado   | 4.83671989025478     | Guadalupe             | arbol       | 8.2          | 5.01-10.00 mts   |
| Francoquina       | 4.836581195497674    | Guadalupe             | Arbusto     | 3.5          | 2.01-5.00 mts    |
| Palma areca       | 4.836530350262717    | Guadalupe             | Palma       | 8.1          | 5.01-10.00 mts   |
| Palma areca       | 4.836578112809184    | Guadalupe             | Palma       | 6.4          | 5.01-10.00 mts   |
| Palma areca       | 4.836481807103535    | Guadalupe             | Palma       | 6.2          | 5.01-10.00 mts   |
| Pino libro        | 4.836448822951557    | Guadalupe             | arbol       | 2.1          | 2.01-5.00 mts    |
| Palma areca       | 4.836287461156643    | Guadalupe             | Palma       | 7.7          | 5.01-10.00 mts   |
| Palma yuca        | 4.835964403368886    | Guadalupe             | Arbusto     | 8.2          | 5.01-10.00 mts   |
| Francoquina       | 4.8357004780710815   | Guadalupe             | Arbusto     | 4.9          | 2.01-5.00 mts    |
| Benjamin careado  | 4.835675755940316    | Guadalupe             | arbol       | 5.9          | 5.01-10.00 mts   |
| Almendo           | 4.8356139506405495   | Guadalupe             | arbol       | 7.4          | 5.01-10.00 mts   |
| Palma areca       | 4.835590898928886    | Guadalupe             | Palma       | 7.8          | 5.01-10.00 mts   |
| Palma areca       | 4.835595800912973    | Guadalupe             | Palma       | 6.5          | 5.01-10.00 mts   |
| Croto             | 4.835582212777699    | Guadalupe             | Arbusto     | 2.5          | 2.01-5.00 mts    |
| Palma areca       | 4.835358711361761    | Guadalupe             | Palma       | 4.2          | 2.01-5.00 mts    |
| Palma areca       | 4.835365058939629    | Guadalupe             | Palma       | 5.9          | 5.01-10.00 mts   |
| Palma areca       | 4.835329312066886    | Guadalupe             | Palma       | 6.4          | 5.01-10.00 mts   |
| Palma areca       | 4.835303587882825    | Guadalupe             | Palma       | 6.4          | 5.01-10.00 mts   |
| Araucaria         | 4.8349581458593      | Guadalupe             | arbol       | 6.3          | 5.01-10.00 mts   |
| Dracena           | 4.834964159354837    | Guadalupe             | Arbusto     | 5.4          | 5.01-10.00 mts   |
| Duranta           | 4.834948883358465    | Guadalupe             | Arbusto     | 3.2          | 2.01-5.00 mts    |
| Palma areca       | 4.834454880460583    | Guadalupe             | Palma       | 7.2          | 5.01-10.00 mts   |
| Acacia amarilla   | 4.834365148120912    | Guadalupe             | arbol       | 6.4          | 5.01-10.00 mts   |
| Acacia amarilla   | 4.8342642549329025   | Guadalupe             | arbol       | 10           | 5.01-10.00 mts   |
| Palma areca       | 4.833914135408971    | Guadalupe             | Palma       | 11.5         | 10.01-15.00 mts  |
| Pino azul         | 4.833586399316591    | Guadalupe             | arbol       | 2.1          | 2.01-5.00 mts    |
| Palma manila      | 4.833585447476727    | Guadalupe             | Palma       | 2.2          | 2.01-5.00 mts    |
| Palma manila      | 4.83575940296574     | Guadalupe             | Palma       | 2.2          | 2.01-5.00 mts    |
| Palma manila      | 4.835735566755627    | Guadalupe             | Palma       | 2.2          | 2.01-5.00 mts    |
| Araucaria         | 4.83343009465801     | Guadalupe             | arbol       | 11           | 10.01-15.00 mts  |
| Guayacan rosado   | 4.83313610170239     | Guadalupe             | arbol       | 14           | 10.01-15.00 mts  |
| Almendo           | 4.83519801747305     | Guadalupe             | arbol       | 9.9          | 5.01-10.00 mts   |
| Palma yuca        | 4.83313610170239     | Guadalupe             | Arbusto     | 9.2          | 5.01-10.00 mts   |
| Guayacan rosado   | 4.835214387538206    | Guadalupe             | arbol       | 12.6         | 10.01-15.00 mts  |
| Sauce floron      | 4.834800124540868    | Guadalupe             | arbol       | 7.6          | 5.01-10.00 mts   |
| Pino vela         | 4.834006008393159    | Guadalupe             | arbol       | 10.5         | 10.01-15.00 mts  |
| Palma quency      | 4.837060193378482    | Guadalupe             | Palma       | 3.4          | 2.01-5.00 mts    |
| Palma quency      | 4.837047498260487    | Guadalupe             | Palma       | 3.6          | 2.01-5.00 mts    |
| Palma quency      | 4.837050191132346    | Guadalupe             | Palma       | 4            | 2.01-5.00 mts    |
| Palma manila      | 4.836710409382129    | Guadalupe             | Palma       | 4.1          | 2.01-5.00 mts    |
| Palma quency      | 4.836611521037107    | Guadalupe             | Palma       | 3.4          | 2.01-5.00 mts    |
| Palma quency      | 4.8365948160233555   | Guadalupe             | Palma       | 2.2          | 2.01-5.00 mts    |
| Guayacan amarillo | 4.834434303378658    | Guadalupe             | arbol       | 6.3          | 5.01-10.00 mts   |
| Guayacan rosado   | 4.834318378446208    | Guadalupe             | arbol       | 12           | 10.01-15.00 mts  |
| Palma manila      | 4.834192426991886    | Guadalupe             | Palma       | 2.7          | 2.01-5.00 mts    |
| Palma manila      | 4.834145655303261    | Guadalupe             | Palma       | 2.2          | 2.01-5.00 mts    |
| Palma manila      | 4.834106233452618    | Guadalupe             | Palma       | 2.7          | 2.01-5.00 mts    |
| Palma manila      | 4.834047434752859    | Guadalupe             | Palma       | 2.8          | 2.01-5.00 mts    |
| Palma manila      | 4.834236191024287    | Guadalupe             | Palma       | 4.2          | 2.01-5.00 mts    |
| Palma manila      | 4.834271270684857    | Guadalupe             | Palma       | 3.8          | 2.01-5.00 mts    |
| Palma manila      | 4.83400403891813     | Guadalupe             | Palma       | 4.4          | 2.01-5.00 mts    |
| Palma manila      | 4.83395990486082     | Guadalupe             | Palma       | 4.3          | 2.01-5.00 mts    |
| Palma manila      | 4.83302916917086     | Guadalupe             | Palma       | 4.3          | 2.01-5.00 mts    |
| Palma areca       | 4.8363- 75.6752      | Guadalupe             | Palma       | 6.9          | 5.01-15.00 mts   |
| Palma areca       | 4.8362- 75.6752      | Guadalupe             | Palma       | 7.2          | 5.01-15.00 mts   |
| Palma areca       | 4.8337- 75.6729      | Guadalupe             | Palma       | 1.6          | 0.00-5.00 mts    |
| Palma areca       | 4.8348- 75.6728      | Guadalupe             | Palma       | 2.4          | 0.00-5.00 mts    |
| Palma areca       | 4.8348- 75.6727      | Guadalupe             | Palma       | 2.6          | 0.00-5.00 mts    |
| Palma areca       | 4.8373- 75.6764      | Guadalupe             | Palma       | 2.8          | 0.00-5.00 mts    |
| Palma Robelini    | 4.8374- 75.6764      | Guadalupe             | Palma       | 2.7          | 0.00-5.00 mts    |

| NOM_COM           | COORDENADA                               | BARRIO                        | HAB_CRECH | H_mts_1  | Rango_aktu      |
|-------------------|--|-------------------------------|-----------|----------|-----------------|
| Mango             | 4 8330N - 75.6790W                       | Guadalupe                     | arbol     | 1,8      | 0,00-5,00 mts   |
| arbol pulpo       | 4 8371N - 75.6761                        | Guadalupe                     | arbol     | 1,8      | 0,00-5,00 mts   |
| Ebano ornamental  | 4 8378N - 75.6754W                       | Guadalupe                     | arbol     | 1,5      | 0,00-5,00 mts   |
| Ebano ornamental  | 4 8378N - 75.6754W                       | Guadalupe                     | arbol     | 1,6      | 0,00-5,00 mts   |
| Higuerón          | 4 8374N - 75.6736W                       | Guadalupe                     | arbol     | 1,4      | 0,00-5,00 mts   |
| Higuerillo        | 4 8334N - 75.6790W                       | Guadalupe                     | Arbusto   | 1,8      | 0,00-5,00 mts   |
| Casco de vaca     | 4 8330N - 75.6795W                       | Guadalupe                     | arbol     | 2,5      | 0,00-5,00 mts   |
| Higuerón          | 4 8330N - 75.6794W                       | Guadalupe                     | arbol     | 3,2      | 0,00-5,00 mts   |
| Higuerillo        | 4 8321N - 75.6911W                       | Guadalupe                     | Arbusto   | 2,1      | 0,00-5,00 mts   |
| Casco de vaca     | 4 8327N - 75.6796W                       | Guadalupe                     | Arbol     | 2,6      | 0,00-5,00 mts   |
| Nopal             | 4 8328N - 75.6796W                       | Guadalupe                     | Arbol     | 7,3      | 5,01-15,00mts   |
| Dracena           | 4 8330N - 75.6796W                       | Guadalupe                     | Arbusto   | 2,7      | 0,00-5,00 mts   |
| Dracena           | 4 8333N - 75.6792W                       | Guadalupe                     | Arbusto   | 2,8      | 0,00-5,00 mts   |
| Palma yuca        | 4 8333N - 75.6792W                       | Guadalupe                     | Arbusto   | 2,6      | 0,00-5,00 mts   |
| Dracena           | 4 8333N - 75.6792W                       | Guadalupe                     | Arbusto   | 2,4      | 0,00-5,00 mts   |
| Guayacan amarillo | 4 8344N - 75.6795W                       | Guadalupe                     | Arbol     | 7,5      | 5,01-15,00mts   |
| Palma areca       | 4 8373 - 75.6764                         | Guadalupe                     | Palma     | 5,1      | 5,01-15,00mts   |
| Almendro          | 4 8353N - 75.6710W                       | Guadalupe                     | Arbol     | 5,2      | 5,01-15,00mts   |
| Arbol pulpo       | 4 8389N - 75.6740W                       | Guadalupe                     | Arbol     | 4,2      | 1,00-5,00mts    |
| Guayacan rosado   | 4 8389N - 75.6739W                       | Guadalupe                     | Arbol     | 5,3      | 5,01-15,00mts   |
| Candelabro rojo   | 4 8389N - 75.6739W                       | Guadalupe                     | Arbol     | 2,8      | 1,00-5,00mts    |
| Candelabro rojo   | 4 8389N - 75.6739W                       | Guadalupe                     | Arbol     | 1,9      | 1,00-5,00mts    |
| Palma areca       | 4 8389N - 75.6740W                       | Guadalupe                     | Palma     | 2,4      | 1,00-5,00mts    |
| Palma areca       | 4 8389N - 75.6739W                       | Guadalupe                     | Palma     | 2,2      | 1,00-5,00mts    |
| Palma quency      | 4 833130040742475 - 75.6734214355812     | Guadalupe - AV. SIMON BOLIVAR | Palma     | 7        | 5,01-10,00 mts  |
| Palma quency      | 4 83311133203887 - 75.6734822979665      | Guadalupe - AV. SIMON BOLIVAR | Palma     | 8,3      | 5,01-10,00 mts  |
| Palma quency      | 4 833090952914726 - 75.6734885255962     | Guadalupe - AV. SIMON BOLIVAR | Palma     | 6,2      | 5,01-10,00 mts  |
| Palma quency      | 4 83308360308652 - 75.67352335900068     | Guadalupe - AV. SIMON BOLIVAR | Palma     | 9,5      | 5,01-10,00 mts  |
| Palma quency      | 4 833015449324845 - 75.67358539091253    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 8        | 5,01-10,00 mts  |
| Palma quency      | 4 832997075302136 - 75.67366534461379    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 12       | 10,01-15,00 mts |
| Palma quency      | 4 8329403491788 - 75.67369590929589      | Guadalupe - AV. SIMON BOLIVAR | Palma     | 4,5      | 2,01-5,00 mts   |
| Palma quency      | 4 832886275555461 - 75.67381706088781    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 12,5     | 10,01-15,00 mts |
| Palma quency      | 4 832864109335717 - 75.67397407594357    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 10       | 5,01-10,00 mts  |
| Palma quency      | 4 832944958187782 - 75.6737570464611     | Guadalupe - AV. SIMON BOLIVAR | Palma     | 5,8      | 5,01-10,00 mts  |
| Palma quency      | 4 832837383105662 - 75.67390743944407    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 8,4      | 5,01-10,00 mts  |
| Palma quency      | 4 832851080559495 - 75.6739474802504     | Guadalupe - AV. SIMON BOLIVAR | Palma     | 6,5      | 5,01-10,00 mts  |
| Palma quency      | 4 832831369591245 - 75.6739024103216     | Guadalupe - AV. SIMON BOLIVAR | Palma     | 8,4      | 5,01-10,00 mts  |
| Palma quency      | 4 832785600063185 - 75.67405208945276    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 6,4      | 5,01-10,00 mts  |
| Palma quency      | 4 832792615830437 - 75.67404069006443    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 7,1      | 5,01-10,00 mts  |
| Palma quency      | 4 832791613573964 - 75.6740990281105     | Guadalupe - AV. SIMON BOLIVAR | Palma     | 0,60-8,9 | 0,00-2,00 mts   |
| Palma quency      | 4 832746512215556 - 75.67413255572319    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 4,8      | 2,01-5,00 mts   |
| Palma quency      | 4 8327007405881713 - 75.67422039806841   | Guadalupe - AV. SIMON BOLIVAR | Palma     | 5        | 2,01-5,00 mts   |
| Palma quency      | 4 832660986660784 - 75.67430287595664    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 4,2      | 2,01-5,00 mts   |
| Palma quency      | 4 832620248692026 - 75.67435048620565    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 3,1      | 2,01-5,00 mts   |
| Palma quency      | 4 83259283478593 - 75.67440647831882     | Guadalupe - AV. SIMON BOLIVAR | Palma     | 3,6      | 2,01-5,00 mts   |
| Palma quency      | 4 8325935015451025 - 75.67439675331116   | Guadalupe - AV. SIMON BOLIVAR | Palma     | 5        | 2,01-5,00 mts   |
| Palma quency      | 4 832616219373905 - 75.67440547049047    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 6,6      | 5,01-10,00 mts  |
| Palma quency      | 4 832582142780416 - 75.674420595464772   | Guadalupe - AV. SIMON BOLIVAR | Palma     | 5,8      | 5,01-10,00 mts  |
| Palma quency      | 4 832550425050489 - 75.67444201558828    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 6        | 5,01-10,00 mts  |
| Palma quency      | 4 832532364224111 - 75.67453220486641    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 6,8      | 5,01-10,00 mts  |
| Palma quency      | 4 832487596928746 - 75.67450054291248    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 7,2      | 5,01-10,00 mts  |
| Palma quency      | 4 832419777811456 - 75.67470386624336    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 6,5      | 5,01-10,00 mts  |
| Palma quency      | 4 832393719232572 - 75.67475248128177    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 6,7      | 5,01-10,00 mts  |
| Palma quency      | 4 8323960578230185 - 75.674817520485037  | Guadalupe - AV. SIMON BOLIVAR | Palma     | 7,8      | 5,01-10,00 mts  |
| Palma quency      | 4 832290153075758 - 75.67493118345739    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 7        | 5,01-10,00 mts  |
| Palma quency      | 4 8322537378740795 - 75.67500729113817   | Guadalupe - AV. SIMON BOLIVAR | Palma     | 9,5      | 5,01-10,00 mts  |
| Palma quency      | 4 832190930001085 - 75.67513603717089    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 10,2     | 10,01-15,00 mts |
| Palma quency      | 4 832160528313558 - 75.67524533718824    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 9,9      | 5,01-10,00 mts  |
| Palma quency      | 4 832152510288119 - 75.6752510368824     | Guadalupe - AV. SIMON BOLIVAR | Palma     | 7,4      | 5,01-10,00 mts  |
| Palma quency      | 4 832113756488482 - 75.67528489977121    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 7        | 5,01-10,00 mts  |
| Palma quency      | 4 832041928319505 - 75.67539319396019    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 9,2      | 5,01-10,00 mts  |
| Palma quency      | 4 832036048882579 - 75.67540794610977    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 6        | 5,01-10,00 mts  |
| Palma quency      | 4 831918985203332 - 75.67560575902482    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 4,8      | 2,01-5,00 mts   |
| Palma quency      | 4 831909409436925 - 75.6756619644165     | Guadalupe - AV. SIMON BOLIVAR | Palma     | 4,5      | 2,01-5,00 mts   |
| Palma quency      | 4 83193101234282975 - 75.675600394860659 | Guadalupe - AV. SIMON BOLIVAR | Palma     | 4,8      | 2,01-5,00 mts   |
| Palma quency      | 4 831870542939678 - 75.6758220108154     | Guadalupe - AV. SIMON BOLIVAR | Palma     | 2,9      | 2,01-5,00 mts   |
| Palma quency      | 4 8318484956606053 - 75.6757036956366    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 3,8      | 2,01-5,00 mts   |
| Palma quency      | 4 831820096158919 - 75.67574791610241    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 2,9      | 2,01-5,00 mts   |
| Palma quency      | 4 831779671917014 - 75.675811195384264   | Guadalupe - AV. SIMON BOLIVAR | Palma     | 3,6      | 2,01-5,00 mts   |
| Palma quency      | 4 831722209354116 - 75.67590247839689    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 2,9      | 2,01-5,00 mts   |
| Palma quency      | 4 831654056079526 - 75.6760010495782     | Guadalupe - AV. SIMON BOLIVAR | Palma     | 2,8      | 2,01-5,00 mts   |
| Palma quency      | 4 83157988926458 - 75.67608822137117     | Guadalupe - AV. SIMON BOLIVAR | Palma     | 6        | 5,01-10,00 mts  |
| Palma quency      | 4 831553162483865 - 75.67614287137985    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 2,1      | 2,01-5,00 mts   |
| Palma quency      | 4 831524097108658 - 75.67619316279888    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 8,6      | 5,01-10,00 mts  |
| Palma quency      | 4 8315384627540325 - 75.676117069929838  | Guadalupe - AV. SIMON BOLIVAR | Palma     | 9,7      | 5,01-10,00 mts  |
| Palma quency      | 4 831459902827898 - 75.67628938704729    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 10,9     | 10,01-15,00 mts |
| Palma quency      | 4 831409840104339 - 75.67634135484695    | Guadalupe - AV. SIMON BOLIVAR | Palma     | 12       | 10,01-15,00 mts |
| Araucaria         | 4 840451588022881 - 75.67180439829826    | Guayaones                     | arbol     | 15       | 10,01-15,00 mts |
| Palma areca       | 4 8404502718485675 - 75.67175377160311   | Guayaones                     | Palma     | 9,2      | 5,01-10,00 mts  |
| Palma areca       | 4 8404322114179095 - 75.671848978386837  | Guayaones                     | Palma     | 7,5      | 5,01-10,00 mts  |
| Palma areca       | 4 841921N - 75.671682W                   | Guayaones                     | Palma     | 4,6      | 0,00-5,00 mts   |
| Palma areca       | 4 851780311984035 - 75.65764904022217    | Jupiter                       | Palma     | 8,2      | 5,01-10,00 mts  |
| Naranja           | 4 851723897831476 - 75.6577000219345     | Jupiter                       | arbol     | 6,4      | 5,01-10,00 mts  |
| Palma areca       | 4 8516961696222305 - 75.6577400588093    | Jupiter                       | Palma     | 8        | 5,01-10,00 mts  |
| Duranta           | 4 8516447220984436 - 75.65783880650997   | Jupiter                       | Arbusto   | 2,4      | 2,01-5,00 mts   |
| Palma manila      | 4 85152211682013 - 75.65792868051198     | Jupiter                       | Palma     | 4,6      | 2,01-5,00 mts   |
| Palma manila      | 4 851476348356854 - 75.65795816481113    | Jupiter                       | Palma     | 4        | 2,01-5,00 mts   |
| Palma yuca        | 4 851255858680828 - 75.65808898722448    | Jupiter                       | Arbusto   | 9,2      | 5,01-10,00 mts  |
| Palma yuca        | 4 851218108380816 - 75.65809193998575    | Jupiter                       | Arbusto   | 8,7      | 5,01-10,00 mts  |
| Palma yuca        | 4 851166660820818 - 75.65811976790428    | Jupiter                       | Arbusto   | 9,6      | 5,01-10,00 mts  |
| Palma areca       | 4 8511352577714515 - 75.6581247970462    | Jupiter                       | Palma     | 7,5      | 5,01-10,00 mts  |
| Palma cubana      | 4 850816773025955 - 75.65859083886252    | Jupiter                       | Palma     | 8,7      | 5,01-10,00 mts  |
| Palma cubana      | 4 850566304596675 - 75.65861320436302    | Jupiter                       | Palma     | 8,5      | 5,01-10,00 mts  |
| Palma areca       | 4 850189111906605 - 75.65716657787563    | Jupiter                       | Palma     | 9,2      | 5,01-10,00 mts  |
| Palma areca       | 4 850187151987276 - 75.65723564475773    | Jupiter                       | Palma     | 10       | 5,01-10,00 mts  |
| Palma areca       | 4 85019617202744 - 75.65730169415474     | Jupiter                       | Palma     | 9,8      | 5,01-10,00 mts  |
| Palma areca       | 4 850225570678014 - 75.65741702914238    | Jupiter                       | Palma     | 9,3      | 5,01-10,00 mts  |
| Palma areca       | 4 850237931471059 - 75.65748609602451    | Jupiter                       | Palma     | 9,7      | 5,01-10,00 mts  |
| Palma areca       | 4 850236595168808 - 75.65753873437644    | Jupiter                       | Palma     | 10,4     | 10,01-15,00 mts |
| Palma areca       | 4 850250960418932 - 75.65796253889144    | Jupiter                       | Palma     | 9,1      | 5,01-10,00 mts  |
| Palma areca       | 4 850265325664861 - 75.65795638132686    | Jupiter                       | Palma     | 11       | 10,01-15,00 mts |
| Palma areca       | 4 850283365742774 - 75.65771207213402    | Jupiter                       | Palma     | 9,3      | 5,01-10,00 mts  |
| Palma areca       | 4 850206728763297 - 75.65776102244853    | Jupiter                       | Palma     | 10,2     | 10,01-15,00 mts |
| Palma areca       | 4 850309757708037 - 75.65785389393568    | Jupiter                       | Palma     | 7,6      | 5,01-10,00 mts  |
| Palma areca       | 4 850320448124045 - 75.65790619701147    | Jupiter                       | Palma     | 8,2      | 5,01-10,00 mts  |
| Palma areca       | 4 850316773293558 - 75.65793637188289    | Jupiter                       | Palma     | 8        | 5,01-10,00 mts  |
| Palma areca       | 4 850307419179509 - 75.65804399549961    | Jupiter                       | Palma     | 8,3      | 5,01-10,00 mts  |
| Palma areca       | 4 850321450350552 - 75.65811775624752    | Jupiter                       | Palma     | 8,3      | 5,01-10,00 mts  |
| Palma areca       | 4 850351183069145 - 75.65823577344418    | Jupiter                       | Palma     | 9        | 5,01-10,00 mts  |
| Palma areca       | 4 850403298840418 - 75.65833501517773    | Jupiter                       | Palma     | 9,5      | 5,01-10,00 mts  |
| Palma areca       | 4 85043336563285 - 75.65843023359776     | Jupiter                       | Palma     | 8,4      | 5,01-10,00 mts  |
| Palma areca       | 4 850316773293672 - 75.65793637188971    | Jupiter                       | Palma     | 8,5      | 5,01-10,00 mts  |
| Tulipan Africano  | 4 8500N - 75.6567W                       | Jupiter                       | Arbol     | 5,2      | 5,01-10,00 mts  |

| HOM_COM           | COORDENADA                            | BARRIO      | HAB_CRECH     | H_mts_1      | Range_ftb       |
|-------------------|---------------------------------------|-------------|---------------|--------------|-----------------|
| Tulipan Africano  | 4 8500N - 75 6566W                    | Jupiter     | arbol         | 8,5          | 5,01-10,00 mts  |
| Tulipan Africano  | 4 8500N - 75 6566W                    | Jupiter     | arbol         | 6,4          | 5,01-10,00 mts  |
| Tulipan Africano  | 4 8501N - 75 6565W                    | Jupiter     | arbol         | 8,2          | 5,01-10,00 mts  |
| Tulipan Africano  | 4 8501N - 75 6565W                    | Jupiter     | arbol         | 6,6          | 5,01-10,00 mts  |
| Tulipan Africano  | 4 8500N - 75 6564W                    | Jupiter     | arbol         | 6,8          | 5,01-10,00 mts  |
| Tulipan Africano  | 4 8500N - 75 6564W                    | Jupiter     | arbol         | 7,4          | 5,01-10,00 mts  |
| Tulipan Africano  | 4 8499N - 75 6563W                    | Jupiter     | arbol         | 5,5          | 5,01-10,00 mts  |
| Tulipan Africano  | 4 8499N - 75 6562W                    | Jupiter     | arbol         | 6,3          | 5,01-10,00 mts  |
| Tulipan Africano  | 4 8500N - 75 6562W                    | Jupiter     | arbol         | 7,8          | 5,01-10,00 mts  |
| Tulipan Africano  | 4 8499N - 75 6561W                    | Jupiter     | arbol         | 5,2          | 5,01-10,00 mts  |
| Tulipan Africano  | 4 8499N - 75 6560W                    | Jupiter     | arbol         | 8,3          | 5,01-10,00 mts  |
| Tulipan Africano  | 4 8500N - 75 6560W                    | Jupiter     | arbol         | 6,8          | 5,01-10,00 mts  |
| Cedro rosado      | 4 822511796214832,-75 6917892023921   | La Bodega   | arbol         | 5,8          | 5,01-10,00 mts  |
| Cedro rosado      | 4 8224927231291665,-75 69167067440903 | La Bodega   | arbol         | 5,6          | 5,01-10,00 mts  |
| Azueno            | 4 822210063565442,-75 69333348423343  | La Bodega   | arbol         | 5,8          | 5,01-10,00 mts  |
| Livistona         | 4 822326328904275,-75 69331504404543  | La Bodega   | Palma         | 4,2          | 2,01-5,00 mts   |
| Azueno            | 4 8221292304046087,-75 69367378050119 | La Bodega   | arbol         | 0,05 - 5,0   | 0,00-2,00 mts   |
| Araucaria         | 4 8221105234046087,-75 69367378050119 | La Bodega   | arbol         | 0,83-3,3     | 0,00-2,00 mts   |
| Carbonero rojo    | 4 822159301098915,-75 69390244781971  | La Bodega   | arbol         | 2,2          | 2,01-5,00 mts   |
| Azueno            | 4 82213924813950,-75 69392206968640   | La Bodega   | arbol         | 0,37-3,7     | 0,00-2,00 mts   |
| Palma areca       | 4 8221509497640795,-75 6939859315753  | La Bodega   | Palma         | 5,7          | 5,01-10,00 mts  |
| Guayaba agría     | 4 82207243875172,-75 69412440061569   | La Bodega   | arbol         | 5,8          | 5,01-10,00 mts  |
| Palma yuca        | 4 82206074562145,-75 69413311779499   | La Bodega   | Arbusto       | 3,2          | 2,01-5,00 mts   |
| Guayacan rosado   | 4 822042036612575,-75 69416161629579  | La Bodega   | arbol         | 3,7          | 2,01-5,00 mts   |
| Araucaria         | 4 8220674274102,-75 69422932456826    | La Bodega   | arbol         | 17,1         | 15,01-28,00 mts |
| Aguaate           | 4 822043707050816,-75 69427594542505  | La Bodega   | arbol         | 5,5          | 5,01-10,00 mts  |
| Pino libro        | 4 822077449588605,-75 69421960195058  | La Bodega   | arbol         | 0,37 - 3,70  | 0,00-2,00 mts   |
| Palma areca       | 4 82220081316325,-75 6942293420434    | La Bodega   | Palma         | 0,76 - 7,80  | 0,00-2,00 mts   |
| Palma manila      | 4 823029938393485,-75 69487743079662  | La Bodega   | Palma         | 2,3          | 2,01-5,00 mts   |
| Palma manila      | 4 82306167844183,-75 69493778049546   | La Bodega   | Palma         | 4,1          | 2,01-5,00 mts   |
| Araucaria         | 4 823085731247948,-75 69497063755989  | La Bodega   | arbol         | 13,1         | 10,01-15,00 mts |
| Guayabo dulce     | 4 823666377568024,-75 6954239088342   | La Bodega   | arbol         | 5,2          | 5,01-10,00 mts  |
| Palma manila      | 4 8222N - 75 6937W                    | La Bodega   | Palma         | 1,7          | 0,00-5,00mts    |
| Palma quency      | 4 8222N - 75 6937W                    | La Bodega   | Palma         | 4,8          | 0,00-5,00mts    |
| Palma areca       | 4 8222N - 75 6939W                    | La Bodega   | Palma         | 2,2          | 0,00-5,00mts    |
| Palma areca       | 4 8227N - 75 6946W                    | La Bodega   | Palma         | 2,5          | 0,00-5,00mts    |
| Palma areca       | 4 8227N - 75 6946W                    | La Bodega   | Palma         | 2,8          | 0,00-5,00mts    |
| Palma manila      | 4 8222 - 75 6937                      | La Bodega   | Palma         | 1,7          | 0,00-5,00 mts   |
| Palma quency      | 4 8222 - 75 6937                      | La Bodega   | Palma         | 4,8          | 0,00-5,00 mts   |
| Palma areca       | 4 8222 - 75 6939                      | La Bodega   | Palma         | 2,2          | 0,00-5,00 mts   |
| Palma areca       | 4 8227 - 75 6948                      | La Bodega   | Palma         | 2,5          | 0,00-5,00 mts   |
| Palma areca       | 4 8229 - 75 6948                      | La Bodega   | Palma         | 2,8          | 0,00-5,00 mts   |
| Aguaate           | 48344 - 756928                        | La Bodega   | arbol         | 1,7          | 0,00-5,00 mts   |
| Guanabano         | 48344 - 756928                        | La Bodega   | arbol         | 1,9          | 0,00-5,00 mts   |
| Benjamin careado  | 4 8432530439994546,-75 66262051483127 | La Capilla  | arbol         | 2,4          | 2,01-5,00 mts   |
| Palma manila      | 4 843689016043487,-75 66238079220057  | La Capilla  | Palma         | 6,7          | 5,01-10,00 mts  |
| Pino vela         | 4 844340136165666,-75 6619868427515   | La Capilla  | arbol         | 1,01 - 10,10 | 0,00-2,00 mts   |
| Pino vela         | 4 844391918324085,-75 66196002066135  | La Capilla  | arbol         | 10           | 5,01-10,00 mts  |
| Ficus bomba       | 4 844003050205272,-75 66140312701484  | La Capilla  | arbol         | 16           | 15,01-28,00 mts |
| Araucaria         | 4 844042472196746,-75 66131595522165  | La Capilla  | arbol         | 18           | 15,01-28,00 mts |
| Pomo              | 4 8440514923189415,-75 66126231104136 | La Capilla  | arbol         | 9,2          | 5,01-10,00 mts  |
| Dracena           | 4 84398333573933,-75 66127438098191   | La Capilla  | Arbusto       | 6,2 - 8,20   | 5,01-10,00 mts  |
| Cipres            | 4 843923206125331,-75 6612680107365   | La Capilla  | arbol         | 5,6          | 5,01-10,00 mts  |
| Almendo           | 4 843895143517236,-75 66122744232416  | La Capilla  | arbol         | 4,3 - 5,50   | 2,01-5,00 mts   |
| Tulipan africano  | 4 843870795773532,-75 66119223833084  | La Capilla  | arbol         | 11           | 10,01-15,00 mts |
| Palma areca       | 4 84343584923329,-75 66118251532315   | La Capilla  | Palma         | 6,9          | 5,01-10,00 mts  |
| Palma quency      | 4 84399803974122,-75 66118855029345   | La Capilla  | Palma         | 8,5          | 5,01-10,00 mts  |
| Benjamin          | 4 84408159302047,-75 66107659680707   | La Capilla  | arbol         | 1,31 - 13,10 | 0,00-2,00 mts   |
| Araucaria         | 4 84404781745436,-75 66118687391281   | La Capilla  | arbol         | 19           | 15,01-28,00 mts |
| Araucaria         | 4 844132005256154,-75 66117145121098  | La Capilla  | arbol         | 1,81 - 18,10 | 0,00-2,00 mts   |
| Benjamin          | 4 844169087975046,-75 66109701991081  | La Capilla  | arbol         | 1,51 - 15,10 | 0,00-2,00 mts   |
| Urapan            | 4 844103274499572,-75 6612827628851   | La Capilla  | arbol         | 17           | 15,01-28,00 mts |
| Araucaria         | 4 844162740482758,-75 661310255275    | La Capilla  | arbol         | 12           | 10,01-15,00 mts |
| Tulipan africano  | 4 844264834430555,-75 66132131963968  | La Capilla  | arbol         | 16           | 15,01-28,00 mts |
| Urapan            | 4 844102940421004,-75 66130422057221  | La Capilla  | arbol         | 1,41 - 14,10 | 0,00-2,00 mts   |
| Araucaria         | 4 8440849001778705,-75 66140480339527 | La Capilla  | arbol         | 9,8          | 5,01-10,00 mts  |
| Tulipan africano  | 4 844103274499572,-75 66142223775387  | La Capilla  | arbol         | 13           | 10,01-15,00 mts |
| Bamb - amarillo   | 4 842647358515686,-75 66077381372452  | La Capilla  | Herbacea rizo | 0            | 0,00-2,00 mts   |
| Guamo             | 48439 - 756612                        | La Capilla  | arbol         | 2,1          | 0,00-5,00 mts   |
| Guadua            | 4 8302128130797755,-75 69726862013341 | La Graciela | Herbacea rizo | 0            | 0,00-2,00 mts   |
| Saman             | 4 830896685601867,-75 69822382181881  | La Graciela | arbol         | 14,1         | 10,01-15,00 mts |
| Pizamo            | 4 830851584113357,-75 69822616875172  | La Graciela | arbol         | 19,3         | 15,01-28,00 mts |
| Guayabo dulce     | 4 830800469089413,-75 69818660616875  | La Graciela | arbol         | 0,05-5       | 0,00-2,00 mts   |
| Saman             | 4 830794121471797,-75 69814335554838  | La Graciela | arbol         | 15,9         | 15,01-28,00 mts |
| Nogal cafetero    | 4 83074467869332,-75 69808334112169   | La Graciela | arbol         | 11,8         | 10,01-15,00 mts |
| Saman             | 4 830691223240998,-75 69806789971132  | La Graciela | arbol         | 12,1         | 10,01-15,00 mts |
| Arayan            | 4 8306795302502445,-75 69803170859814 | La Graciela | arbol         | 5            | 2,01-5,00 mts   |
| Guayabo dulce     | 4 830545227971156,-75 69800455123186  | La Graciela | arbol         | 4,7          | 2,01-5,00 mts   |
| Pizamo            | 4 830627078881436,-75 69784015048033  | La Graciela | arbol         | 14,9         | 10,01-15,00 mts |
| Pizamo            | 4 830541887144516,-75 69784003648195  | La Graciela | arbol         | 13,5         | 10,01-15,00 mts |
| Guayabo dulce     | 4 8304388302368,-75 697738006711      | La Graciela | arbol         | 5,5          | 5,01-10,00 mts  |
| Tambor            | 4 83011793281217,-75 69763071835041   | La Graciela | arbol         | 14,7         | 10,01-15,00 mts |
| Tambor            | 4 830130962145485,-75 69759383797846  | La Graciela | arbol         | 11,3         | 10,01-15,00 mts |
| Tambor            | 4 830101582623811,-75 6975904852152   | La Graciela | arbol         | 12,1         | 10,01-15,00 mts |
| Casco de vaca     | 4 828159520943143,-75 69888975811005  | La Graciela | arbol         | 6            | 5,01-10,00 mts  |
| Tulipan africano  | 4 828250058361658,-75 69697190076114  | La Graciela | arbol         | 7,8          | 5,01-10,00 mts  |
| Casco de vaca     | 4 82888381995289,-75 69722604006529   | La Graciela | arbol         | 14,1         | 10,01-15,00 mts |
| Casco de vaca     | 4 828857427151994,-75 69719485038549  | La Graciela | arbol         | 7,29         | 5,01-10,00 mts  |
| Casco de vaca     | 4 828813661872303,-75 69716233760118  | La Graciela | arbol         | 7,5          | 5,01-10,00 mts  |
| Casco de vaca     | 4 828779919173826,-75 69714155048132  | La Graciela | arbol         | 9,8          | 5,01-10,00 mts  |
| Casco de vaca     | 4 82876187822462,-75 69711539894342   | La Graciela | arbol         | 1,12         | 0,00-2,00 mts   |
| Casco de vaca     | 4 828236360819415,-75 697206202932606 | La Graciela | arbol         | 6,7          | 5,01-10,00 mts  |
| Pomaroso          | 4 828664325362337,-75 69738764315844  | La Graciela | arbol         | 7,2          | 5,01-10,00 mts  |
| Mango             | 4 828717445064286,-75 6974070891738   | La Graciela | arbol         | 5,1          | 5,01-10,00 mts  |
| Almendo           | 4 82867234343082,-75 69743759930134   | La Graciela | arbol         | 0,43-4,3     | 0,00-2,00 mts   |
| Aguaate           | 4 828636930294286,-75 69739033671838  | La Graciela | arbol         | 7,1          | 5,01-10,00 mts  |
| Guanabano         | 4 828737824310889,-75 69743257015944  | La Graciela | arbol         | 2,6          | 2,01-5,00 mts   |
| Sauco             | 4 82873815840602,-75 69745503365993   | La Graciela | Arbusto       | 2,4          | 2,01-5,00 mts   |
| Naranja-Mandarino | 4 828689381826034,-75 69743927568197  | La Graciela | arbol         | 4            | 2,01-5,00 mts   |
| Guayabo dulce     | 4 828665995793282,-75 69747548503667  | La Graciela | arbol         | 4,7          | 2,01-5,00 mts   |
| Noni              | 4 828672677517009,-75 6974634155631   | La Graciela | Arbusto       | 2,8          | 2,01-5,00 mts   |
| Guayaba peruana   | 4 827202362624477,-75 70058450102806  | La Graciela | arbol         | 3,2          | 2,01-5,00 mts   |
| Guayaba peruana   | 4 8271948786255295,-75 70061903448913 | La Graciela | arbol         | 3,8          | 2,01-5,00 mts   |
| Mango             | 4 827197017233915,-75 70063680410384  | La Graciela | arbol         | 5,4          | 5,01-10,00 mts  |
| Mango             | 4 8271948786255295,-75 70067836668682 | La Graciela | arbol         | 3,3          | 2,01-5,00 mts   |
| Guayabo dulce     | 4 827184990104995,-75 70076756179333  | La Graciela | arbol         | 4,1          | 2,01-5,00 mts   |
| Guayabo dulce     | 4 827210380710249,-75 7007759436965   | La Graciela | arbol         | 3,4          | 2,01-5,00 mts   |
| Guayabo dulce     | 4 827239112183447,-75 70077825062939  | La Graciela | arbol         | 3,9          | 2,01-5,00 mts   |
| Guayabo dulce     | 4 827084095848434,-75 70058684796095  | La Graciela | arbol         | 4,2          | 2,01-5,00 mts   |
| Aguaate           | 4 827168953932764,-75 70067670196295  | La Graciela | arbol         | 6,7          | 5,01-10,00 mts  |
| Guayabo dulce     | 4 827067057412903,-75 70067703723907  | La Graciela | arbol         | 4,5          | 2,01-5,00 mts   |
| Aguaate           | 4 827163942628875,-75 70072263479234  | La Graciela | arbol         | 7            | 5,01-10,00 mts  |
| Calamondin        | 4 827256484701554,-75 70087954401968  | La Graciela | arbol         | 5,3          | 5,01-10,00 mts  |



| NOM_COM          | COORDENADA                             | BARRIO      | HAB_CRECH     | H. mts_1  | Rango_ altu     |
|------------------|--|-------------|---------------|-----------|-----------------|
| Limon mandarina  | 4 827212051144765,-75.70089692009449   | La Graciela | arbol         | 2,9       | 2,01-5,00 mts   |
| Aguacate         | 4 827397135264377,-75.70078264921904   | La Graciela | arbol         | 4,9       | 2,01-5,00 mts   |
| Aguacate         | 4 827551817441143,-75.70067167262104   | La Graciela | arbol         | 5,4       | 5,01-10,00 mts  |
| Yarumo negro     | 4 828039202171152,-75.69982744753361   | La Graciela | arbol         | 12,1      | 10,01-15,00 mts |
| Aguacate         | 4 82802552268481,-75.6997362534271     | La Graciela | arbol         | 5,7       | 5,01-10,00 mts  |
| Quebrabarrigo    | 4 828005172091455,-75.69967120885648   | La Graciela | arbol         | 5,5       | 5,01-10,00 mts  |
| Mango            | 4 82797744381027,-75.69955451718569    | La Graciela | arbol         | 5,9       | 5,01-10,00 mts  |
| Mango            | 4 82798178935116,-75.70001895492592    | La Graciela | arbol         | 7,1       | 5,01-10,00 mts  |
| Guayabo dulce    | 4 827955394099118,-75.7000912333727    | La Graciela | arbol         | 7,2       | 5,01-10,00 mts  |
| Naranja          | 4 8278968409182175,-75.70041753351688  | La Graciela | arbol         | 3,1       | 2,01-5,00 mts   |
| Aguacate         | 4 8275992259295315,-75.70050904641438  | La Graciela | arbol         | 0,57-5,7  | 0,00-2,00 mts   |
| Mandarino        | 4 827596521777776,-75.70057511329651   | La Graciela | arbol         | 3,5       | 2,01-5,00 mts   |
| Mandarino        | 4 827584223853831,-75.70059288293123   | La Graciela | arbol         | 4,9       | 2,01-5,00 mts   |
| Calamondin       | 4 8275324404410128,-75.70061333477497  | La Graciela | arbol         | 5,7       | 5,01-10,00 mts  |
| Guayabo dulce    | 4 827568521777776,-75.7005593531855    | La Graciela | arbol         | 5,1       | 5,01-10,00 mts  |
| Laucaena         | 4 8269891699220017,-75.69958205499873  | La Graciela | arbol         | 10,9      | 10,01-15,00 mts |
| Sauce playero    | 4 82665078401375,-75.6995025549968     | La Graciela | arbol         | 7,7       | 5,01-10,00 mts  |
| Sauce            | 4 826638207706103,-75.69957584617138   | La Graciela | Arbusto       | 3,8       | 2,01-5,00 mts   |
| Aguacate         | 4 82676370637134,-75.69875422965152    | La Graciela | arbol         | 4,8       | 2,01-5,00 mts   |
| Naranja          | 4 8266644804880025,-75.69875087589025  | La Graciela | arbol         | 3,7       | 2,01-5,00 mts   |
| Guanabano        | 4 826637087330205,-75.69858592003584   | La Graciela | arbol         | 5,2       | 5,01-10,00 mts  |
| Mango            | 4 8266277328979,-75.69853730499746     | La Graciela | arbol         | 4,2       | 2,01-5,00 mts   |
| Zapote           | 4 826603678619668,-75.69840137216806   | La Graciela | arbol         | 5,8       | 5,01-10,00 mts  |
| Palma quency     | 4 827060375673362,-75.69806791841984   | La Graciela | Palma         | 8,9       | 5,01-10,00 mts  |
| Palma quency     | 4 827092782109523,-75.69807630032301   | La Graciela | Palma         | 9,9       | 5,01-10,00 mts  |
| Araucaria        | 4 827180981061978,-75.69761864840984   | La Graciela | arbol         | 6,3       | 5,01-10,00 mts  |
| Cipres           | 4 827238421402858,-75.697604900308864  | La Graciela | arbol         | 0,71-7,1  | 0,00-2,00 mts   |
| Cipres           | 4 8273233020747,-75.69732964069433     | La Graciela | arbol         | 10,9      | 10,01-15,00 mts |
| Cipres           | 4 827372746926597,-75.69718848913608   | La Graciela | arbol         | 12,7      | 10,01-15,00 mts |
| Azueno           | 4 826453673448651,-75.69784395359671   | La Graciela | arbol         | 3,1       | 2,01-5,00 mts   |
| Azueno           | 4 826454007539921,-75.69781713187695   | La Graciela | arbol         | 2,4       | 2,01-5,00 mts   |
| Azueno           | 4 82644769987782,-75.69777421653271    | La Graciela | arbol         | 2,3       | 2,01-5,00 mts   |
| Palma areca      | 4 826443316742966,-75.69761764258146   | La Graciela | Palma         | 5,8       | 5,01-10,00 mts  |
| Samán            | 4 8273208293799885,-75.69613303989172  | La Graciela | arbol         | 10,9      | 10,01-15,00 mts |
| Guayabo dulce    | 4 827489298012144,-75.69584671407938   | La Graciela | arbol         | 5,4       | 5,01-10,00 mts  |
| Sungla           | 4 828121101001737,-75.6962202116847    | La Graciela | arbol         | 6,7       | 5,01-10,00 mts  |
| Sauce            | 4 8257036470961765,-75.69785166531801  | La Graciela | Arbusto       | 3,2       | 2,01-5,00 mts   |
| Aguacate         | 4 825575367427683,-75.69768033921719   | La Graciela | arbol         | 6,1       | 5,01-10,00 mts  |
| Palma areca      | 4 825500774617621,-75.69712780416012   | La Graciela | Palma         | 6         | 5,01-10,00 mts  |
| Candelabro rojo  | 4 825028488045185,-75.69717139009681   | La Graciela | Arbusto       | 0,04-0,00 | 0,00-2,00 mts   |
| Palma areca      | 4 826011675836568,-75.69711204618216   | La Graciela | Palma         | 5,2       | 5,01-10,00 mts  |
| Acacia amarilla  | 4 826019399848912,-75.69718983024359   | La Graciela | arbol         | 5,9       | 5,01-10,00 mts  |
| Palma areca      | 4 826046086847685,-75.69721397012472   | La Graciela | Palma         | 3,1       | 2,01-5,00 mts   |
| Acacia amarilla  | 4 825954212784972,-75.69710284772873   | La Graciela | arbol         | 5,3       | 5,01-10,00 mts  |
| Palma areca      | 4 825990628324049,-75.69725442196846   | La Graciela | Palma         | 4,8       | 2,01-5,00 mts   |
| Cedro japonés    | 4 826040741448015,-75.69725812443256   | La Graciela | arbol         | 3,5       | 2,01-5,00 mts   |
| Palma quency     | 4 826076822894987,-75.69743793457747   | La Graciela | Palma         | 5,7       | 5,01-10,00 mts  |
| Guayabo dulce    | 4 825178127024379,-75.69677039980888   | La Graciela | arbol         | 3,2       | 2,01-5,00 mts   |
| Palma cubana     | 4 825083580140555,-75.6967510596219    | La Graciela | Palma         | 5,9       | 5,01-10,00 mts  |
| Araucaria        | 4 8250518417848371,-75.696761347363946 | La Graciela | arbol         | 4         | 2,01-5,00 mts   |
| Guadua           | 4 826268923159043,-75.69622658193111   | La Graciela | Herbacea rizo | 0         | 0,00-2,00 mts   |
| Guayabo dulce    | 4 826206782090565,-75.69614946842195   | La Graciela | arbol         | 7,6       | 5,01-10,00 mts  |
| Pizamo           | 4 826083170556749,-75.69600161164999   | La Graciela | arbol         | 8,3       | 5,01-10,00 mts  |
| Guayabo dulce    | 4 826033391523399,-75.69601368159057   | La Graciela | arbol         | 6,2       | 5,01-10,00 mts  |
| Palma areca      | 4 826073480203375,-75.6961826607585    | La Graciela | Palma         | 4,1       | 2,01-5,00 mts   |
| Guayabo dulce    | 4 826113572514923,-75.69607470184665   | La Graciela | arbol         | 5,9       | 5,01-10,00 mts  |
| Guayabo dulce    | 4 825937508408505,-75.69594763219357   | La Graciela | arbol         | 4,1       | 2,01-5,00 mts   |
| Guayabo dulce    | 4 82590043489158,-75.69593355059624    | La Graciela | arbol         | 5         | 2,01-5,00 mts   |
| Guayabo dulce    | 4 82583273090724,-75.69591980427504    | La Graciela | arbol         | 4         | 2,01-5,00 mts   |
| Guayabo dulce    | 4 82574206717446,-75.69588493555784    | La Graciela | arbol         | 3,8       | 2,01-5,00 mts   |
| Guayacan rosado  | 4 825756098854685,-75.69567639380693   | La Graciela | arbol         | 1,67-16,7 | 0,00-2,00 mts   |
| Acacia amarilla  | 4 825653199899624,-75.6957595422864    | La Graciela | arbol         | 10,1      | 10,01-15,00 mts |
| Tulipan africano | 4 8244314401450366,-75.69542761892079  | La Graciela | arbol         | 6,3       | 5,01-10,00 mts  |
| Tulipan africano | 4 824414401642904,-75.6954326480827    | La Graciela | arbol         | 5,7       | 5,01-10,00 mts  |
| Mango            | 4 827326977030042,-75.70001184940338   | La Graciela | arbol         | 7,5       | 5,01-10,00 mts  |
| Urapan           | 4 827329797290568,-75.69988033344746   | La Graciela | arbol         | 7         | 5,01-10,00 mts  |
| Aguacate         | 4 827325306595902,-75.69996021887984   | La Graciela | arbol         | 6,7       | 5,01-10,00 mts  |
| Limon mandarina  | 4 8273435318063985,-75.6998898260725   | La Graciela | arbol         | 0,25-2,5  | 0,00-2,00 mts   |
| Mango            | 4 8273169542424541,-75.69988545030355  | La Graciela | arbol         | 7,8       | 5,01-10,00 mts  |
| Aguacate         | 4 827280159657252,-75.69988688640721   | La Graciela | arbol         | 7         | 5,01-10,00 mts  |
| Guanabano        | 4 8272514733983005,-75.69988278609454  | La Graciela | arbol         | 7,2       | 5,01-10,00 mts  |
| Aguacate         | 4 827247130286787,-75.69980249110222   | La Graciela | arbol         | 0,61-6,1  | 0,00-2,00 mts   |
| Limon mandarina  | 4 827284213912216,-75.69996284080505   | La Graciela | arbol         | 4,4       | 2,01-5,00 mts   |
| Aguacate         | 4 827258480222848,-75.69996390491724   | La Graciela | arbol         | 4,5       | 2,01-5,00 mts   |
| Carbonero enano  | 4 827396801177578,-75.70004705339669   | La Graciela | Arbusto       | 0,25-2,5  | 0,00-2,00 mts   |
| Carbonero rojo   | 4 82738611039947,-75.69980967789888    | La Graciela | arbol         | 0,03-3,0  | 0,00-2,00 mts   |
| Palma areca      | 4 827285884346507,-75.69978340709338   | La Graciela | Palma         | 6,8       | 5,01-10,00 mts  |
| Mango            | 4 827349026761613,-75.69970943033695   | La Graciela | arbol         | 7,9       | 5,01-10,00 mts  |
| Calamondin       | 4 827310606774306,-75.6997362534271    | La Graciela | arbol         | 7,4       | 5,01-10,00 mts  |
| Guanabano        | 4 827300584168876,-75.69973088800907   | La Graciela | arbol         | 8,6       | 5,01-10,00 mts  |
| Guayabo dulce    | 4 827299915994849,-75.69971345365047   | La Graciela | arbol         | 7,7       | 5,01-10,00 mts  |
| Nispero japonés  | 4 827297243299956,-75.69968361407518   | La Graciela | arbol         | 4,2       | 2,01-5,00 mts   |
| Palma yuca       | 4 827297911473683,-75.69965310304764   | La Graciela | Arbusto       | 3,8       | 2,01-5,00 mts   |
| Mango            | 4 82733933824328,-75.699659842479706   | La Graciela | arbol         | 8,7       | 5,01-10,00 mts  |
| Araucaria        | 4 827394462569879,-75.699672921162844  | La Graciela | arbol         | 8,5       | 5,01-10,00 mts  |
| Palma yuca       | 4 827386778573095,-75.69967724382877   | La Graciela | Arbusto       | 5,8       | 5,01-10,00 mts  |
| Limon francés    | 4 827395798917128,-75.69964036345482   | La Graciela | arbol         | 0,53-5,3  | 0,00-2,00 mts   |
| Tulipan africano | 4 8274231940352905,-75.69961957633495  | La Graciela | arbol         | 0,87-8,7  | 0,00-2,00 mts   |
| Guayabo dulce    | 4 827479988788929,-75.69952938705683   | La Graciela | arbol         | 5,2       | 5,01-10,00 mts  |
| Aguacate         | 4 827414841866239,-75.69953206268584   | La Graciela | arbol         | 5,5       | 5,01-10,00 mts  |
| Guayaba agria    | 4 82741584412565,-75.6995116174221     | La Graciela | arbol         | 3,6       | 2,01-5,00 mts   |
| Limon mandarina  | 4 827442905156212,-75.69949619472027   | La Graciela | arbol         | 2,5       | 2,01-5,00 mts   |
| Nispero japonés  | 4 827404151087422,-75.6994951889189    | La Graciela | arbol         | 5         | 2,01-5,00 mts   |
| Nispero japonés  | 4 827354038064141,-75.69953475147486   | La Graciela | arbol         | 4,2       | 2,01-5,00 mts   |
| Limon mandarina  | 4 827380051627131,-75.6995089993696    | La Graciela | arbol         | 3,7       | 2,01-5,00 mts   |
| Guayabo dulce    | 4 827389071971521,-75.69949083030224   | La Graciela | arbol         | 0,91-0,1  | 0,00-2,00 mts   |
| Mango            | 4 827357044849642,-75.6994754076004    | La Graciela | arbol         | 8,2       | 5,01-10,00 mts  |
| Mango            | 4 827406156688272,-75.69950055330992   | La Graciela | arbol         | 0,72-7,2  | 0,00-2,00 mts   |
| Palma areca      | 4 827440232461892,-75.69941271096468   | La Graciela | Palma         | 0,54-5,4  | 0,00-2,00 mts   |
| Achote           | 4 827483997830193,-75.69934796739607   | La Graciela | arbol         | 4,1       | 2,01-5,00 mts   |
| Achote           | 4 827476982007987,-75.69935705512763   | La Graciela | arbol         | 4,8       | 2,01-5,00 mts   |
| Calamondin       | 4 827447248284466,-75.69939638457537   | La Graciela | arbol         | 0,55-5,5  | 0,00-2,00 mts   |
| Limon mandarina  | 4 827451257325921,-75.69931313395502   | La Graciela | arbol         | 2,3       | 2,01-5,00 mts   |
| Achote           | 4 8274940204332255,-75.69930542260408  | La Graciela | arbol         | 4,2       | 2,01-5,00 mts   |
| Guayacan rosado  | 4 82750504529639,-75.69930173459669    | La Graciela | arbol         | 5,4       | 5,01-10,00 mts  |
| Mango            | 4 827442905156212,-75.6992879882455    | La Graciela | arbol         | 7,7       | 5,01-10,00 mts  |
| Araucaria        | 4 82747197070635,-75.69922126829626    | La Graciela | arbol         | 2,8       | 2,01-5,00 mts   |
| Guayabo dulce    | 4 827487961665034,-75.6991733238101    | La Graciela | arbol         | 7,2       | 5,01-10,00 mts  |
| Mango            | 4 8274796547021674,-75.6991907581687   | La Graciela | arbol         | 0,71-7,1  | 0,00-2,00 mts   |
| ebano ornamental | 4 827488623057577,-75.69919622472763   | La Graciela | arbol         | 2,4       | 2,01-5,00 mts   |
| Croto            | 4 827528007282419,-75.6992698833464    | La Graciela | Arbusto       | 2,3       | 2,01-5,00 mts   |
| Croto            | 4 827536449451072,-75.69924507290125   | La Graciela | Arbusto       | 2,6       | 2,01-5,00 mts   |
| Palma areca      | 4 827533442670372,-75.6992125511694    | La Graciela | Palma         | 5,7       | 5,01-10,00 mts  |



| HOM. COM         | COORDENADA                            | BARRIO                                | HAB. CRECIII | H. mts. 1   | Range. #ftu     |
|------------------|---------------------------------------|---------------------------------------|--------------|-------------|-----------------|
| Tulipan afrocano | 4 8275214155474195 -75.6992044002349  | La Graciela                           | arbol        | 9,1         | 5,01-10,00 mts  |
| Palma areca      | 4 827538119884701 -75.69919813404349  | La Graciela                           | Palma        | 6           | 5,01-10,00 mts  |
| Croto            | 4 827536783537821 -75.69922797381878  | La Graciela                           | Arbusto      | 2,9         | 2,01-5,00 mts   |
| Guayabo dulce    | 4 827540458491935 -75.69916997104883  | La Graciela                           | arbol        | 9,3         | 5,01-10,00 mts  |
| Mango            | 4 827514399725596 -75.69917935878038  | La Graciela                           | arbol        | 7,1         | 5,01-10,00 mts  |
| Pino libro       | 4 827577542110393 -75.69909252266353  | La Graciela                           | arbol        | 2,5         | 2,01-5,00 mts   |
| Limon mandarina  | 4 827549478839079 -75.69906838292829  | La Graciela                           | arbol        | 2,5         | 2,01-5,00 mts   |
| Limon mandarina  | 4 8275481404870215 -75.69906838292829 | La Graciela                           | arbol        | 0,29-2,3    | 0,00-2,00 mts   |
| Limon mandarina  | 4 827501036252554 -75.69906335324049  | La Graciela                           | arbol        | 3,2         | 2,01-5,00 mts   |
| Aguaate          | 4 827536783537821 -75.6990608819342   | La Graciela                           | arbol        | 6,2         | 5,01-10,00 mts  |
| Guayabo dulce    | 4 827533108583624 -75.69902052591043  | La Graciela                           | arbol        | 5,2         | 5,01-10,00 mts  |
| Aguaate          | 4 827533776757121 -75.69901314953567  | La Graciela                           | arbol        | 9,1         | 5,01-10,00 mts  |
| Aguaate          | 4 827547803420285 -75.69898672100544  | La Graciela                           | arbol        | 8,4         | 5,01-10,00 mts  |
| Mataraton        | 4 8275695204037971 -75.6989739105577  | La Graciela                           | arbol        | 5,19        | 5,01-10,00 mts  |
| Limon mandarina  | 4 827565226114001 -75.6989269769192   | La Graciela                           | arbol        | 3,9         | 2,01-5,00 mts   |
| Aguaate          | 4 827575871685763 -75.69890543818474  | La Graciela                           | arbol        | 5,4         | 5,01-10,00 mts  |
| Aguaate          | 4 827591239674043 -75.698902957229749 | La Graciela                           | arbol        | 7,3         | 5,01-10,00 mts  |
| Guayabo dulce    | 4 827608612194017 -75.69891543875435  | La Graciela                           | arbol        | 5,2         | 5,01-10,00 mts  |
| Pino libro       | 4 82762652865055 -75.69889914064884   | La Graciela                           | arbol        | 2,7         | 2,01-5,00 mts   |
| Limon mandarina  | 4 827619320295814 -75.69883795999504  | La Graciela                           | arbol        | 4,4         | 2,01-5,00 mts   |
| Araucaria        | 4 82763887998715 -75.69880476783248   | La Graciela                           | arbol        | 4,8         | 2,01-5,00 mts   |
| Araucaria        | 4 8276884137022485 -75.69876596331596 | La Graciela                           | arbol        | 4,5         | 2,01-5,00 mts   |
| Benjamin careado | 4 827598599582678 -75.69881558418274  | La Graciela                           | arbol        | 0,29-2,3    | 0,00-2,00 mts   |
| Palma areca      | 4 827565514097203 -75.6988284368992   | La Graciela                           | Palma        | 4,1         | 2,01-5,00 mts   |
| Palma areca      | 4 827640350420601 -75.69876931607723  | La Graciela                           | Palma        | 4           | 2,01-5,00 mts   |
| Palma areca      | 4 827648698067757 -75.6987401470542   | La Graciela                           | Palma        | 4,1         | 2,01-5,00 mts   |
| Palma areca      | 4 8276477003278115 -75.69871332496406 | La Graciela                           | Palma        | 2,5         | 2,01-5,00 mts   |
| Pino libro       | 4 827653045714837 -75.69868214428425  | La Graciela                           | arbol        | 2,1         | 2,01-5,00 mts   |
| Palma areca      | 4 827605939490333 -75.69869857281446  | La Graciela                           | Palma        | 3,1         | 2,01-5,00 mts   |
| Palma areca      | 4 827614291658045 -75.6986470992585   | La Graciela                           | Palma        | 4,8         | 2,01-5,00 mts   |
| Guayacan rosado  | 4 8276477003278115 -75.6986016780138  | La Graciela                           | arbol        | 9,8         | 5,01-10,00 mts  |
| Naranja          | 4 827718526702313 -75.69841124117374  | La Graciela                           | arbol        | 0,03 - 3,00 | 0,00-2,00 mts   |
| Livistona        | 4 827761957966020 -75.6984269991517   | La Graciela                           | Palma        | 0,49-4,9    | 0,00-2,00 mts   |
| Mango            | 4 827704829149319 -75.69837134331465  | La Graciela                           | arbol        | 0,77-7,7    | 0,00-2,00 mts   |
| Naranja          | 4 82773159808172 -75.69825198501348   | La Graciela                           | arbol        | 0,61-6,1    | 0,00-2,00 mts   |
| Naranja          | 4 827785009943320 -75.69825801988377  | La Graciela                           | arbol        | 5,3         | 5,01-10,00 mts  |
| Guanabano        | 4 82775695517862 -75.6982496388086    | La Graciela                           | arbol        | 7,5         | 5,01-10,00 mts  |
| Nispero japoses  | 4 827737903780115 -75.69823388010263  | La Graciela                           | arbol        | 6,7         | 5,01-10,00 mts  |
| Mango            | 4 827767637438772 -75.69816984296239  | La Graciela                           | arbol        | 8,1         | 5,01-10,00 mts  |
| Mango            | 4 82778332730604 -75.69816883653402   | La Graciela                           | arbol        | 7,2         | 5,01-10,00 mts  |
| Uraapan          | 4 827798373480873 -75.69817554205696  | La Graciela                           | arbol        | 5,6         | 5,01-10,00 mts  |
| Aguaate          | 4 827616748171689 -75.69817923009396  | La Graciela                           | arbol        | 5,4         | 5,01-10,00 mts  |
| Mango            | 4 827608730093071 -75.69816213101149  | La Graciela                           | arbol        | 5,2         | 5,01-10,00 mts  |
| Benjamin         | 4 827778014483058 -75.69815944880247  | La Graciela                           | arbol        | 10,1        | 10,01-15,00 mts |
| Benjamin         | 4 82774987344598 -75.6981198882195    | La Graciela                           | arbol        | 8,3         | 5,01-10,00 mts  |
| Uraapan          | 4 8276254344233815 -75.69807797670364 | La Graciela                           | arbol        | 9           | 5,01-10,00 mts  |
| Quebrabrango     | 4 827632116155391 -75.69807261228581  | La Graciela                           | arbol        | 6,9         | 5,01-10,00 mts  |
| Guayabo dulce    | 4 82765834043717 -75.69804579019547   | La Graciela                           | arbol        | 5,5         | 5,01-10,00 mts  |
| Uraapan          | 4 827616748171689 -75.6980474665761   | La Graciela                           | arbol        | 9,7         | 5,01-10,00 mts  |
| Chucho           | 4 827683896578222 -75.6980709360408   | La Graciela                           | arbol        | 3,7-9,4     | 2,01-5,00 mts   |
| Aguaate          | 4 827690581307846 -75.69806014878511  | La Graciela                           | arbol        | 6,9         | 5,01-10,00 mts  |
| Benjamin         | 4 82644378802548 -75.6980601259146    | La Graciela                           | arbol        | 4,3         | 2,01-5,00 mts   |
| Palma quency     | 4 827682229143343 -75.69800421595573  | La Graciela                           | Palma        | 3,3         | 2,01-5,00 mts   |
| Palma quency     | 4 827684233662702 -75.69798106190298  | La Graciela                           | Palma        | 3,5         | 2,01-5,00 mts   |
| Uraapan          | 4 827648815965578 -75.69799348711967  | La Graciela                           | arbol        | 8,2         | 5,01-10,00 mts  |
| Benjamin         | 4 8276404883203044 -75.69789994508028 | La Graciela                           | arbol        | 10,5        | 10,01-15,00 mts |
| Limon tahiti     | 4 82764314101306 -75.69782283157109   | La Graciela                           | arbol        | 2,6         | 2,01-5,00 mts   |
| Naranja          | 4 827682183048613 -75.6978352367878   | La Graciela                           | arbol        | 3,3         | 2,01-5,00 mts   |
| Palma areca      | 4 827917642319277 -75.69792173802853  | La Graciela                           | Palma        | 4,2         | 2,01-5,00 mts   |
| Limon mandarina  | 4 82768423473984 -75.6978442892432    | La Graciela                           | arbol        | 2,4         | 2,01-5,00 mts   |
| Mango            | 4 8279680809874515 -75.69779600948095 | La Graciela                           | arbol        | 5,2         | 5,01-10,00 mts  |
| Guayabo dulce    | 4 827935348906551 -75.69777723401785  | La Graciela                           | arbol        | 5,7         | 5,01-10,00 mts  |
| Palma quency     | 4 827968423473984 -75.69774504750967  | La Graciela                           | Palma        | 6,1         | 5,01-10,00 mts  |
| Mango            | 4 82795203233731 -75.69771084934473   | La Graciela                           | arbol        | 4,9         | 2,01-5,00 mts   |
| Limon tahiti     | 4 82792263817607 -75.69770984351635   | La Graciela                           | arbol        | 2,6         | 2,01-5,00 mts   |
| Limon tahiti     | 4 827902942510617 -75.69770883768797  | La Graciela                           | arbol        | 0,36-3,5    | 0,00-2,00 mts   |
| Aguaate          | 4 827902942510617 -75.69781813770533  | La Graciela                           | arbol        | 0,78 - 7,60 | 0,00-2,00 mts   |
| Naranja          | 4 827983791454259 -75.69735545665026  | La Graciela                           | arbol        | 4,2         | 2,01-5,00 mts   |
| Guanabano        | 4 82801882482182 -75.69734774209935   | La Graciela                           | arbol        | 5,2         | 5,01-10,00 mts  |
| Mandarina        | 4 82800550707992 -75.69737121462822   | La Graciela                           | arbol        | 4           | 2,01-5,00 mts   |
| Sauco            | 4 82803400680511 -75.69737758487463   | La Graciela                           | Arbusto      | 3,2         | 2,01-5,00 mts   |
| Palma areca      | 4 828031565825505 -75.69744665179676  | La Graciela                           | Palma        | 7,6         | 5,01-10,00 mts  |
| Balso tambor     | 4 826604346794069 -75.69900185171129  | La Graciela                           | arbol        | 9,5         | 5,01-10,00 mts  |
| Balso tambor     | 4 826584301561579 -75.69912730980872  | La Graciela                           | arbol        | 1,25-11,25  | 0,00-2,00 mts   |
| Surumbo          | 4 8266644824880025 -75.69919914007187 | La Graciela                           | arbol        | 8,2         | 5,01-10,00 mts  |
| Balso tambor     | 4 826573610770672 -75.698974840343    | La Graciela                           | arbol        | 6,7         | 5,01-10,00 mts  |
| Palma Manila     | 4 8280 - 75.6971                      | La Graciela                           | Palma        | 2,2         | 0,00-5,00 mts   |
| Guayabo dulce    | 4 8272 - 75.6998                      | La Graciela                           | arbol        | 2,6         | 0,00-5,00 mts   |
| Franoesina       | 4 8260 - 75.6973                      | La Graciela                           | Arbusto      | 2,7         | 0,00-5,00 mts   |
| Franoesina       | 4 8260 - 75.6971                      | La Graciela                           | Arbusto      | 2,6         | 0,00-5,00 mts   |
| Franoesina       | 4 8260 - 75.6971                      | La Graciela                           | Arbusto      | 2,8         | 0,00-5,00 mts   |
| Franoesina       | 4 8260 - 75.6972                      | La Graciela                           | Arbusto      | 2           | 0,00-5,00 mts   |
| Franoesina       | 4 8260 - 75.6972                      | La Graciela                           | Arbusto      | 2,5         | 0,00-5,00 mts   |
| Palma robellini  | 4 8257 - 75.6993                      | La Graciela                           | Palma        | 2,3         | 0,00-5,00 mts   |
| Palma Area       | 4 8256 - 75.6993                      | La Graciela                           | Palma        | 3,5         | 0,00-5,00 mts   |
| Palma quency     | 4 8256 - 75.6993                      | La Graciela                           | Palma        | 2,8         | 0,00-5,00 mts   |
| Palma Area       | 4 8256 - 75.6993                      | La Graciela                           | Palma        | 4,1         | 0,00-5,00 mts   |
| Palma Area       | 4 8256 - 75.6993                      | La Graciela                           | Palma        | 3,6         | 0,00-5,00 mts   |
| Palma Area       | 4 8256 - 75.6993                      | La Graciela                           | Palma        | 4,7         | 0,00-5,00 mts   |
| Palma Area       | 4 8254 - 75.6992                      | La Graciela                           | Palma        | 2,5         | 0,00-5,00 mts   |
| Palma Area       | 4 8252 - 75.6991                      | La Graciela                           | Palma        | 3,2         | 0,00-5,00 mts   |
| Palma Area       | 4 8251 - 75.6990                      | La Graciela                           | Palma        | 2,4         | 0,00-5,00 mts   |
| Palma quency     | 4 8254 - 75.6993                      | La Graciela                           | Palma        | 2,8         | 0,00-5,00 mts   |
| Palma quency     | 4 8254 - 75.6993                      | La Graciela                           | Palma        | 3,1         | 0,00-5,00 mts   |
| Limon mandarina  | 4 82805194510173 -75.69753248244524   | La Graciela - Minuto de Dios          | arbol        | 3,1         | 2,01-5,00 mts   |
| Guayabo dulce    | 4 828124779952742 -75.69730482999509  | La Graciela - Minuto de Dios          | arbol        | 0,06-6      | 0,00-2,00 mts   |
| Casco de vaca    | 4 8281177801371645 -75.69730013608932 | La Graciela - Minuto de Dios          | arbol        | 0,71-7,1    | 0,00-2,00 mts   |
| Casco de vaca    | 4 82813780530435 -75.69723576307297   | La Graciela - Minuto de Dios          | arbol        | 1,18-11,8   | 0,00-2,00 mts   |
| Casco de vaca    | 4 828156848251634 -75.69717105478048  | La Graciela - Minuto de Dios          | arbol        | 9,7         | 5,01-10,00 mts  |
| Casco de vaca    | 4 828054617793645 -75.69713652133943  | La Graciela - Minuto de Dios          | arbol        | 0,08-8      | 0,00-2,00 mts   |
| Palma areca      | 4 82803452904004 -75.69722335785627   | La Graciela - Minuto de Dios          | Palma        | 6,2         | 5,01-10,00 mts  |
| Palma cubana     | 4 826079495996934 -75.69967053835467  | La Graciela Parque Industrial Bodegas | Palma        | 7,9         | 5,01-10,00 mts  |
| Palma cubana     | 4 8260794959969796 -75.69967053837652 | La Graciela Parque Industrial Bodegas | Palma        | 12,5        | 10,01-15,00 mts |
| Palma cubana     | 4 8260794959954529 -75.69967053837809 | La Graciela Parque Industrial Bodegas | Palma        | 10,7        | 10,01-15,00 mts |
| Palma cubana     | 4 8260794959977786 -75.69967053833357 | La Graciela Parque Industrial Bodegas | Palma        | 11,1        | 10,01-15,00 mts |
| Palma cubana     | 4 8260794959955689 -75.69967053836575 | La Graciela Parque Industrial Bodegas | Palma        | 13,4        | 10,01-15,00 mts |
| Palma cubana     | 4 8257347172469005 -75.70018518716097 | La Graciela Parque Industrial Bodegas | Palma        | 8,9         | 5,01-10,00 mts  |
| Palma cubana     | 4 8258309344776436 -75.7001969218254  | La Graciela Parque Industrial Bodegas | Palma        | 8,2         | 5,01-10,00 mts  |
| Palma cubana     | 4 82588991098945 -75.70011410882209   | La Graciela Parque Industrial Bodegas | Palma        | 5,1         | 5,01-10,00 mts  |
| Palma cubana     | 4 825998646424134 -75.7000685110688   | La Graciela Parque Industrial Bodegas | Palma        | 4,7         | 2,01-5,00 mts   |
| Palma cubana     | 4 826068800271026 -75.69968797266483  | La Graciela Parque Industrial Bodegas | Palma        | 5,5         | 5,01-10,00 mts  |
| Palma robellini  | 4 826079495994676 -75.69967053830624  | La Graciela Parque Industrial Bodegas | Palma        | 2,4         | 2,01-5,00 mts   |
| Pino vela        | 4 828081196031982 -75.6996450573206   | La Graciela Parque Industrial Bodegas | arbol        | 2,5         | 2,01-5,00 mts   |

| NOM_COM                      | COORDENADA                             | BARRIO                                | HAB_CRECH | H. mts. 1    | Rancho. altu    |
|------------------------------|--|---------------------------------------|-----------|--------------|-----------------|
| Palma cubana                 | 4.82559293480584 -75.70025599514761    | La graciela Parque Industrial Bodegas | Palma     | 7,9          | 5,01-10,00 mts  |
| Yarumo blanco                | 4.830907042293939 -75.68959783762693   | La Macarena                           | arbol     | 5,2 - 6,20   | 5,01-10,00 mts  |
| Arauca                       | 4.83079132748869 -75.68077788090706    | La Macarena                           | arbol     | 10,8         | 10,01-15,00 mts |
| Aguacate                     | 4.830771403681929 -75.68901266191006   | La Macarena                           | arbol     | 6,2          | 5,01-10,00 mts  |
| Guanabano                    | 4.8307687310007 -75.68995792418717     | La Macarena                           | arbol     | 5,6          | 5,01-10,00 mts  |
| Aguacate                     | 4.83067385081089 -75.69009799905594    | La Macarena                           | arbol     | 0,56-5,6     | 0,00-2,00 mts   |
| Aguacate                     | 4.83073064529231 -75.69000236991405    | La Macarena                           | arbol     | 4,9          | 2,01-5,00 mts   |
| Palma quency                 | 4.830690672070237 -75.68980168551207   | La Macarena                           | Palma     | 7,8          | 5,01-10,00 mts  |
| Palma quency                 | 4.830670629664421 -75.6898744404316    | La Macarena                           | Palma     | 8,7          | 5,01-10,00 mts  |
| Palma quency                 | 4.830617173346023 -75.68999011069536   | La Macarena                           | Palma     | 8,5          | 5,01-10,00 mts  |
| Palma quency                 | 4.830785430747237 -75.6900016999618    | La Macarena                           | Palma     | 7,9          | 5,01-10,00 mts  |
| Palma quency                 | 4.830759710701537 -75.69016512483356   | La Macarena                           | Palma     | 8,1          | 5,01-10,00 mts  |
| Palma quency                 | 4.830626410710992 -75.6902177631855    | La Macarena                           | Palma     | 9,2          | 5,01-10,00 mts  |
| Palma area                   | 4.830546898423467 -75.69021843373777   | La Macarena                           | Palma     | 6            | 5,01-10,00 mts  |
| Mango                        | 4.83045034777605 -75.6902952119708     | La Macarena                           | arbol     | 4,7          | 2,01-5,00 mts   |
| Palma quency                 | 4.830579632011096 -75.69037165462773   | La Macarena                           | Palma     | 9,2          | 5,01-10,00 mts  |
| Palma quency                 | 4.830601688401105 -75.69048594089699   | La Macarena                           | Palma     | 8,7          | 5,01-10,00 mts  |
| Palma quency                 | 4.830572289002849 -75.69058522582054   | La Macarena                           | Palma     | 7,8          | 5,01-10,00 mts  |
| Aguacate                     | 4.830491106182513 -75.69061305373907   | La Macarena                           | arbol     | 2,5          | 2,01-5,00 mts   |
| Palma quency                 | 4.830532532757096 -75.6906821206212    | La Macarena                           | Palma     | 9,7          | 5,01-10,00 mts  |
| Palma quency                 | 4.830477074600236 -75.69078404456376   | La Macarena                           | Palma     | 7,8          | 5,01-10,00 mts  |
| Palma quency                 | 4.83045695396884 -75.69087121639675    | La Macarena                           | Palma     | 9,3          | 5,01-10,00 mts  |
| Noni                         | 4.830385869308354 -75.69079242946694   | La Macarena                           | Arbusto   | 2,1          | 2,01-5,00 mts   |
| Palma quency                 | 4.8303995968071695 -75.69096911698581  | La Macarena                           | Palma     | 9,1          | 5,01-10,00 mts  |
| Palma quency                 | 4.83037283997995 -75.69105327129364    | La Macarena                           | Palma     | 9            | 5,01-10,00 mts  |
| Palma quency                 | 4.8303190222989195 -75.69114245474399  | La Macarena                           | Palma     | 8,5          | 5,01-10,00 mts  |
| Palma quency                 | 4.830278627905521 -75.691240325372493  | La Macarena                           | Palma     | 9            | 5,01-10,00 mts  |
| Mataralon                    | 4.830187422588923 -75.69128293544054   | La Macarena                           | Palma     | 0            | 5,01-10,00 mts  |
| Palma area                   | 4.830178444810737 -75.691477106031801  | La Macarena                           | Palma     | 0,41         | 0,00-2,00 mts   |
| Palma area                   | 4.8300889896318795 -75.6915678487225   | La Macarena                           | Palma     | 4,9          | 5,01-10,00 mts  |
| Palma area                   | 4.829993987090466 -75.6918095423554    | La Macarena                           | Palma     | 4,6          | 2,01-5,00 mts   |
| Palma robelini               | 4.829986637208675 -75.69183410939311   | La Macarena                           | Palma     | 3,3          | 2,01-5,00 mts   |
| Palma robelini - PALMA ARECA | 4.830070402673393 -75.69217443468187   | La Macarena                           | Palma     | 6            | 5,01-10,00 mts  |
| Palma area                   | 4.829955911338542 -75.69188877940178   | La Macarena                           | Palma     | 6            | 5,01-10,00 mts  |
| Palma area                   | 4.82995233167423 -75.69196832984385    | La Macarena                           | Palma     | 5,3          | 5,01-10,00 mts  |
| Palma area                   | 4.82995569509634 -75.69196924567223    | La Macarena                           | Palma     | 3,2          | 2,01-5,00 mts   |
| Palma area                   | 4.82992215899882 -75.69201450794935    | La Macarena                           | Palma     | 3,6          | 2,01-5,00 mts   |
| Palma area                   | 4.82991146759582 -75.69201685488224    | La Macarena                           | Palma     | 4,3          | 2,01-5,00 mts   |
| Palma area                   | 4.8299381948040265 -75.69202456623316  | La Macarena                           | Palma     | 4,5          | 2,01-5,00 mts   |
| Palma area                   | 4.829929508579374 -75.69208446409225   | La Macarena                           | Palma     | 3,6          | 2,01-5,00 mts   |
| Palma area                   | 4.829924831381431 -75.69208323955536   | La Macarena                           | Palma     | 4,9          | 2,01-5,00 mts   |
| Palma area                   | 4.829905454418224 -75.69216202944517   | La Macarena                           | Palma     | 5,3          | 5,01-10,00 mts  |
| Palma area                   | 4.8298403077274905 -75.69225599595045  | La Macarena                           | Palma     | 6,1          | 5,01-10,00 mts  |
| Palma area                   | 4.829830953339396 -75.69236788899706   | La Macarena                           | Palma     | 4,5          | 2,01-5,00 mts   |
| Palma area                   | 4.829800217453165 -75.69235179573298   | La Macarena                           | Palma     | 5,6          | 5,01-10,00 mts  |
| Palma area                   | 4.829745427407749 -75.69240175187588   | La Macarena                           | Palma     | 4            | 2,01-5,00 mts   |
| Cedro japonese               | 4.829401653180314 -75.69250132888596   | La Macarena                           | arbol     | 2,2          | 2,01-5,00 mts   |
| Palma area                   | 4.829586736702045 -75.69214023649693   | La Macarena                           | Palma     | 3,8          | 2,01-5,00 mts   |
| Pino azul                    | 4.82981079087491 -75.69212682545185    | La Macarena                           | arbol     | 5,9          | 5,01-10,00 mts  |
| Palma area                   | 4.829831836271518 -75.69207988679409   | La Macarena                           | Palma     | 5,7          | 5,01-10,00 mts  |
| Pino libro                   | 4.82985524274563 -75.69201685488224    | La Macarena                           | arbol     | 3            | 2,01-5,00 mts   |
| Palma roja                   | 4.829844198448347 -75.69209038240493   | La Macarena                           | Palma     | 2,3          | 2,01-5,00 mts   |
| Palma area                   | 4.829671928593991 -75.69196823984385   | La Macarena                           | Palma     | 5,8          | 5,01-10,00 mts  |
| Palma area                   | 4.829832289672811 -75.69198937782049   | La Macarena                           | Palma     | 6            | 5,01-10,00 mts  |
| Sauce playero                | 4.829481165602158 -75.6918091895971    | La Macarena                           | arbol     | 5,1          | 5,01-10,00 mts  |
| Palma area                   | 4.829491522261457 -75.69179490208626   | La Macarena                           | Palma     | 4,8          | 2,01-5,00 mts   |
| Guayabo dulce                | 4.829418691557205 -75.6919588521123    | La Macarena                           | arbol     | 3,2          | 2,01-5,00 mts   |
| Palma area                   | 4.8292924071065375 -75.69222003221512  | La Macarena                           | Palma     | 3,2          | 2,01-5,00 mts   |
| Coca                         | 4.829325147521932 -75.69220125675201   | La Macarena                           | arbol     | 3,2          | 2,01-5,00 mts   |
| Pino libro                   | 4.82928651549613 -75.69177143275738    | La Macarena                           | arbol     | 2,4          | 2,01-5,00 mts   |
| Palma area                   | 4.8292182400372425 -75.69176070392132  | La Macarena                           | Palma     | 3,8          | 2,01-5,00 mts   |
| Pino libro                   | 4.829305102369834 -75.69157529622316   | La Macarena                           | arbol     | 3,4          | 2,01-5,00 mts   |
| Palma quency                 | 4.829399648663365 -75.69118232600248   | La Macarena                           | Palma     | 10,9         | 10,01-15,00 mts |
| Palma area                   | 4.82958005329889 -75.69114045474399    | La Macarena                           | Palma     | 7,2          | 5,01-10,00 mts  |
| Palma area                   | 4.82952125589535 -75.6911300495267     | La Macarena                           | Palma     | 5,1          | 5,01-10,00 mts  |
| Palma area                   | 4.829484172374232 -75.69105796515942   | La Macarena                           | Palma     | 6,8          | 5,01-10,00 mts  |
| Palma area                   | 4.8294951972050315 -75.691033684276341 | La Macarena                           | Palma     | 7,9          | 5,01-10,00 mts  |
| Palma quency                 | 4.8294861317415954 -75.69104187190533  | La Macarena                           | Palma     | 7,5          | 5,01-10,00 mts  |
| Mango                        | 4.82947414980601 -75.69102376699448    | La Macarena                           | Palma     | 6,3          | 5,01-10,00 mts  |
| Palma area                   | 4.829471811200064 -75.69101102950196   | La Macarena                           | Palma     | 3,3          | 2,01-5,00 mts   |
| Limon mandarino              | 4.829510231064958 -75.69100700318813   | La Macarena                           | arbol     | 4,4          | 2,01-5,00 mts   |
| Duranta careada              | 4.829507224292998 -75.69098252803087   | La Macarena                           | Arbusto   | 4,1          | 2,01-5,00 mts   |
| Nispero japonese             | 4.829520942125219 -75.69096207618713   | La Macarena                           | arbol     | 4,6          | 2,01-5,00 mts   |
| Palma area                   | 4.829524930838715 -75.69094732403755   | La Macarena                           | Palma     | 5,9          | 5,01-10,00 mts  |
| Palma area                   | 4.829535621583153 -75.69089602679014   | La Macarena                           | Palma     | 2,4          | 2,01-5,00 mts   |
| Palma area                   | 4.8295690301583045 -75.6908380240202   | La Macarena                           | Palma     | 0,03 - 3,0   | 0,00-2,00 mts   |
| Chiminango                   | 4.8299933245898 -75.68982347846031     | La Macarena                           | arbol     | 4,1          | 2,01-5,00 mts   |
| Pino libro                   | 4.830076506212287 -75.6896782751675    | La Macarena                           | arbol     | 2,3          | 2,01-5,00 mts   |
| Pino libro                   | 4.83008251975113 -75.68965047597885    | La Macarena                           | arbol     | 2,6          | 2,01-5,00 mts   |
| Palma quency                 | 4.830191769897621 -75.68931922316551   | La Macarena                           | Palma     | 11           | 10,01-15,00 mts |
| Palma quency                 | 4.830325065773621 -75.68902896175385   | La Macarena                           | Palma     | 1,06 - 10,50 | 0,00-2,00 mts   |
| Araucaria                    | 4.830345110895959 -75.6889918048236    | La Macarena                           | arbol     | 2,6          | 2,01-5,00 mts   |
| Casco de vaca                | 4.83040093148523 -75.68879384547472    | La Macarena                           | arbol     | 10,7         | 10,01-15,00 mts |
| Palma cubana                 | 4.830461706678449 -75.68853132426739   | La Macarena                           | Palma     | 11,8         | 10,01-15,00 mts |
| Palma area                   | 4.830460704420541 -75.6883765553832    | La Macarena                           | Palma     | 4,8          | 2,01-5,00 mts   |
| Palma area                   | 4.830466383870885 -75.68930011242828   | La Macarena                           | Palma     | 4,9          | 2,01-5,00 mts   |
| Palma area                   | 4.830480101670773 -75.68828804248571   | La Macarena                           | Palma     | 4,3          | 2,01-5,00 mts   |
| Palma area                   | 4.830516496663991 -75.68821964615583   | La Macarena                           | Palma     | 5            | 2,01-5,00 mts   |
| Benjamin careado             | 4.8305302144624095 -75.68900138130725  | La Macarena                           | Arbusto   | 2,1          | 2,01-5,00 mts   |
| area de sesion               | 4.830345110895959 -75.6889918042637    | La Macarena                           | arbol     | 43688        | 10,01-15,00 mts |
| area de sesion               | 4.83028415222336 -75.6898632764864     | La Macarena                           | arbol     | 1,05 - 10,50 | 0,00-2,00 mts   |
| Nogal cafetero               | 4.83084812106187 -75.6890731304884     | La Macarena                           | arbol     | 10,9         | 10,01-15,00 mts |
| Aguacate                     | 4.83010711715435 -75.6890898425474     | La Macarena                           | arbol     | 10,3         | 10,01-15,00 mts |
| Palma area                   | 4.83000534599851 -75.69039445370436    | La Macarena                           | Palma     | 3,2          | 2,01-5,00 mts   |
| Palma area                   | 4.82978953241277 -75.69044038653374    | La Macarena                           | Palma     | 3,8          | 2,01-5,00 mts   |
| Sauco                        | 4.829980264760501 -75.69050408809784   | La Macarena                           | Arbusto   | 2,9          | 2,01-5,00 mts   |
| Sauco                        | 4.829895431850826 -75.69065563380717   | La Macarena                           | Arbusto   | 2,9          | 2,01-5,00 mts   |
| Cipres                       | 4.829780526712944 -75.69091647863388   | La Macarena                           | arbol     | 2,3          | 2,01-5,00 mts   |
| Palma area                   | 4.830026733142785 -75.6910314783454    | La Macarena                           | Palma     | 3,4          | 2,01-5,00 mts   |
| Palma robelini               | 4.830084858349567 -75.69084774702787   | La Macarena                           | Palma     | 3,2          | 2,01-5,00 mts   |
| Sauco                        | 4.830160695751325 -75.69069016724825   | La Macarena                           | Arbusto   | 3,1          | 2,01-5,00 mts   |
| Duranta                      | 4.830198447406323 -75.69058522582054   | La Macarena                           | Arbusto   | 3,2          | 2,01-5,00 mts   |
| Sauco                        | 4.830216822104883 -75.69053694605827   | La Macarena                           | Arbusto   | 2,6          | 2,01-5,00 mts   |
| Palma Area                   | 48296 - 75.6907                        | La Macarena                           | Palma     | 4,3          | 0,00-5,00 mts   |
| Palma Area                   | 48298 - 75.6911                        | La Macarena                           | Palma     | 2,6          | 0,00-5,00 mts   |
| Palma Area                   | 48298 - 75.6907                        | La Macarena                           | Palma     | 4,3          | 0,00-5,00 mts   |
| Palma Corozo                 | 483088318 - 75.68912376                | La Macarena                           | Palma     | 10           | 5,01-15,00 mts  |
| Croto                        | 48295 - 75.6918                        | La Macarena                           | arbol     | 3,2          | 0,00-5,00 mts   |
| Dracena                      | 48295 - 75.6917                        | La Macarena                           | arbol     | 2,7          | 0,00-5,00 mts   |
| Francoesina                  | 48294 - 75.6911                        | La Macarena                           | arbol     | 4,1          | 0,00-5,00 mts   |
| Dracena                      | 48299 - 75.6909                        | La Macarena                           | arbol     | 1,8          | 0,00-5,00 mts   |
| Aguacate                     | 48299 - 75.6912                        | La Macarena                           | arbol     | 3,3          | 0,00-5,00 mts   |
| Dracena                      | 48295 - 75.6917                        | La Macarena                           | Arbusto   | 1,8          | 0,00-5,00 mts   |

| NOM_COM                 | COORDENADA                          | BARRIO      | HAB_CRECIA    | H_mts_1      | Rango_ajtu      |
|-------------------------|-------------------------------------|-------------|---------------|--------------|-----------------|
| Aguaquite               | 48309-75.6912                       | La Macarena | arbol         | 3,3          | 0,00-5,00 mts   |
| Palma Yuca              | 483041768-75.6870171                | La Macarena | Arbusto       | 5            | 0,00-5,00 mts   |
| Dracena                 | 483047971-75.68881999               | La Macarena | Arbol         | 7            | 5,01-15,00      |
| Aguaquite               | 48304351-75.6888238                 | La Macarena | Arbol         | 4            | 0,00-5,00 mts   |
| Aguaquite               | 483054630-75.68883447               | La Macarena | Arbol         | 6            | 5,01-15,00      |
| Francoesina             | 4830593-75.688867                   | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Narano                  | 483047139-75.68879466               | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Dracena                 | 483042352-75.6888243                | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Francoesina             | 483062422-75.68889151               | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Aguaquite               | 483036580-75.68903089               | La Macarena | Arbol         | 10           | 5,01-15,00      |
| Francoesina             | 48309849-75.6891152                 | La Macarena | Arbol         | 5            | 0,00-5,00 mts   |
| Aguaquite               | 483078378-75.6890755                | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Narano                  | 483070918-75.68905974               | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Sauco                   | 483062651-75.68884262               | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Narano                  | 483061210-75.68889501               | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Dracena                 | 48309848-75.68974287                | La Macarena | Arbol         | 5            | 0,00-5,00 mts   |
| Aguaquite               | 483030986-75.68942236               | La Macarena | Arbol         | 7            | 5,01-15,00      |
| Urapan                  | 483018041-75.6892073                | La Macarena | Arbol         | 7            | 5,01-15,00      |
| Mango                   | 48302888-75.68917696                | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Aguaquite               | 483020457-75.68919901               | La Macarena | Arbol         | 6            | 5,01-15,00      |
| Guayabo Dulce           | 48302124-75.68911774                | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Dracena                 | 4830074483-75.68911586              | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Pino Libro              | 483059429-75.68904826               | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Pino Libro              | 483059699-75.68905789               | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Narano                  | 483038003-75.68964968               | La Macarena | Arbol         | 2,2          | 0,00-5,00 mts   |
| Ciudad                  | 483035559-75.68983845               | La Macarena | Palma         | 2            | 0,00-5,00 mts   |
| Sauco                   | 483048983-75.68995574               | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Pino Libro              | 483072193-75.6893677                | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Tulipan africano        | 483075091-75.68931926               | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Gualanday               | 483084628-75.68959553               | La Macarena | Arbol         | 7            | 5,01-15,00      |
| Guayacan                | 48325722-75.6893517                 | La Macarena | Arbol         | 6            | 5,01-15,00      |
| Leucaena                | 483098579-75.68963056               | La Macarena | Arbol         | 10           | 5,01-15,00      |
| Guayaba Anaza           | 483088603-75.68993532               | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Sauco                   | 483061224-75.68991744               | La Macarena | Arbol         | 3            | 0,00-5,00 mts   |
| Palma Yuca              | 483095023-75.68994381               | La Macarena | Arbusto       | 3            | 0,00-5,00 mts   |
| Sauco                   | 483042728-75.69040711               | La Macarena | Arbol         | 5            | 0,00-5,00 mts   |
| Limon                   | 48305825-75.69054897                | La Macarena | Arbol         | 5            | 0,00-5,00 mts   |
| Sauco                   | 483058804-75.69041636               | La Macarena | Arbol         | 5            | 0,00-5,00 mts   |
| Palma robelini          | 4825488828705304-75.67341137677431  | La Pradera  | Palma         | 3,4          | 2,01-5,00 mts   |
| Saman                   | 4825550969024421-75.67332521080971  | La Pradera  | arbol         | 2,6 - 3,80   | 2,01-5,00 mts   |
| Palma robelini          | 4825552639483037-75.67333091050386  | La Pradera  | Palma         | 3,1          | 2,01-5,00 mts   |
| Palma areca             | 4825532928287208-75.67332185804844  | La Pradera  | Palma         | 11           | 10,01-15,00 mts |
| Carbonero rojo          | 4825623131968516-75.67337349057198  | La Pradera  | Arbol         | 4,9          | 2,01-5,00 mts   |
| Palma quency            | 4825408981727771-75.67349083721638  | La Pradera  | Palma         | 0,2 - 6,20   | 0,00-2,00 mts   |
| Guayacan amarillo       | 4825517980251425-75.673603489995    | La Pradera  | Arbol         | 2 - 3,10     | 0,00-2,00 mts   |
| Saman                   | 4825642943141738-75.67348312586546  | La Pradera  | Arbol         | 2,6          | 2,01-5,00 mts   |
| Carbonero rojo          | 4825715006076083-75.67356929183008  | La Pradera  | Arbol         | 4            | 2,01-5,00 mts   |
| Tulipan africano        | 4825641840878706-75.67369069187899  | La Pradera  | Arbol         | 3,6          | 2,01-5,00 mts   |
| Saman                   | 482577814540683-75.67364238202572   | La Pradera  | Arbol         | 2,8          | 2,01-5,00 mts   |
| Guayaba agris           | 4825813227835461-75.67369401454927  | La Pradera  | Arbol         | 6,1          | 5,01-10,00 mts  |
| Guayaba agris           | 4825859666009262-75.67372050138328  | La Pradera  | Arbol         | 2,7          | 2,01-5,00 mts   |
| Guayaba agris           | 4825893074765439-75.67374162375927  | La Pradera  | Arbol         | 2,4          | 2,01-5,00 mts   |
| Mango                   | 4825738392210543-75.6737295538187   | La Pradera  | Arbol         | 6,7          | 5,01-10,00 mts  |
| Mango                   | 4825808216521534-75.6737697046875   | La Pradera  | Arbol         | 7,2          | 5,01-10,00 mts  |
| Tulipan africano        | 4825838618492035-75.6737528878146   | La Pradera  | Arbol         | 3,7          | 2,01-5,00 mts   |
| Mango                   | 48258623387008165-75.67379124426205 | La Pradera  | Arbol         | 7            | 5,01-10,00 mts  |
| Mango                   | 482589875425383-75.67379459738731   | La Pradera  | Arbol         | 6,9          | 5,01-10,00 mts  |
| Mango                   | 4825852316082687-75.67379090934992  | La Pradera  | Arbol         | 7,2          | 5,01-10,00 mts  |
| Guayabo dulce           | 4825898948573898-75.67370776087046  | La Pradera  | Arbol         | 8,6          | 5,01-10,00 mts  |
| Palma areca             | 4826025374327374-75.67374732345343  | La Pradera  | Palma         | 10,5         | 10,01-15,00 mts |
| Saman                   | 48260554412970045-75.67374262958785 | La Pradera  | Arbol         | 2,8          | 2,01-5,00 mts   |
| Saman                   | 482609052048083-75.67375402897596   | La Pradera  | Arbol         | 3,1          | 2,01-5,00 mts   |
| Guayacan rosado         | 4826040840283894-75.67382980138065  | La Pradera  | Arbol         | 10,2         | 10,01-15,00 mts |
| Enebro                  | 4826190098895443-75.67379493266344  | La Pradera  | Arbol         | 2,8          | 2,01-5,00 mts   |
| Urapan                  | 4826257564188405-75.67388918911219  | La Pradera  | Arbol         | 12           | 10,01-15,00 mts |
| Chimnango               | 4826154685269398-75.67391596734524  | La Pradera  | Arbol         | 8,4          | 5,01-10,00 mts  |
| Fresno                  | 482619542933994-75.67392971369644   | La Pradera  | Arbol         | 6,2          | 5,01-10,00 mts  |
| Chimnango               | 4826402802180564-75.67401085048914  | La Pradera  | Arbol         | 11           | 10,01-15,00 mts |
| Cambulo                 | 4826488084437352-75.67397128790617  | La Pradera  | Arbol         | 10,2         | 10,01-15,00 mts |
| Carbonero rosado        | 4826538992604486-75.67400567534924  | La Pradera  | Arbol         | 10,6         | 10,01-15,00 mts |
| Urapan                  | 4826888870851253-75.67416641861199  | La Pradera  | Arbol         | 5,4          | 5,01-10,00 mts  |
| Bambusa amarilla        | 4826840546405711-75.674051083620436 | La Pradera  | Herbacea rizo | 0            | 0,00-2,00 mts   |
| Urapan                  | 4826537529350111-75.67389015108347  | La Pradera  | Arbol         | 18           | 15,01-28,00 mts |
| Acacia roja             | 482659662788325-75.67387171086409   | La Pradera  | Arbol         | 13           | 10,01-15,00 mts |
| Calmo amarillo          | 48265990013988-75.6738482415676     | La Pradera  | Arbol         | 9            | 5,01-10,00 mts  |
| Tulipan africano        | 48266120307997085-75.67384254187346 | La Pradera  | Arbol         | 0,87 - 8,70  | 0,00-2,00 mts   |
| Guadua                  | 4826994226448333-75.67355990409851  | La Pradera  | Herbacea rizo | 0            | 0,00-2,00 mts   |
| Francoesina             | 48266304059544-75.67364741116762    | La Pradera  | Arbusto       | 0,24 - 2,40  | 0,00-2,00 mts   |
| Saman                   | 4826593990909099-75.67353375258062  | La Pradera  | Arbol         | 17           | 15,01-28,00 mts |
| Caoba                   | 4826965525954446-75.67353643476963  | La Pradera  | Arbol         | 15 - 16      | 10,01-15,00 mts |
| Urapan                  | 4826905831428825-75.67350961287948  | La Pradera  | Arbol         | 22           | 15,01-28,00 mts |
| Nogal cafetero          | 482681628863874-75.6734375283122    | La Pradera  | Arbol         | 3,5          | 2,01-5,00 mts   |
| Francoesina             | 48264994434041215-75.67336477330288 | La Pradera  | Arbusto       | 0,32 - 1,80  | 0,00-2,00 mts   |
| Gualanday               | 4826530513518122-75.67333493381739  | La Pradera  | Arbol         | 0,14 - 14,0  | 0,00-2,00 mts   |
| Tulipan africano        | 482658530823212-75.67334331572056   | La Pradera  | Arbol         | 1,01 - 11,0  | 0,00-2,00 mts   |
| Tulipan africano        | 4826639425949524-75.67330078810787  | La Pradera  | Arbol         | 9,6          | 5,01-10,00 mts  |
| Caoba                   | 4826682143877785-75.67330341786146  | La Pradera  | Arbol         | 0,13 - 13,0  | 0,00-2,00 mts   |
| Tulipan africano        | 482668532241112-75.6732762604952    | La Pradera  | Arbol         | 8,2          | 5,01-10,00 mts  |
| Tulipan africano        | 4826731988903741-75.67311666900588  | La Pradera  | Arbol         | 1,05 - 10,50 | 0,00-2,00 mts   |
| Tulipan africano        | 48267299635708045-75.67305095493793 | La Pradera  | Arbol         | 12           | 10,01-15,00 mts |
| Palma quency            | 4826291641099708-75.67316159600598  | La Pradera  | Palma         | 15,5         | 15,01-28,00 mts |
| Acacia amarilla         | 4826198430720635-75.67324474453925  | La Pradera  | Arbol         | 10,4         | 10,01-15,00 mts |
| Acacia amarilla         | 482609052048083-75.6732527911663    | La Pradera  | Arbol         | 11           | 10,01-15,00 mts |
| Acacia amarilla         | 482607415019272-75.6732078641653    | La Pradera  | Arbol         | 0,98 - 9,80  | 0,00-2,00 mts   |
| Acacia amarilla         | 4826030718823519-75.67308079451323  | La Pradera  | Arbol         | 7,6          | 5,01-10,00 mts  |
| Falso saman             | 4825981942048851-75.67304961383343  | La Pradera  | Arbol         | 17           | 15,01-28,00 mts |
| Acacia amarilla         | 482598555922755-75.67305263131857   | La Pradera  | Arbol         | 9            | 5,01-10,00 mts  |
| Acacia amarilla         | 4825904433742157-75.67303519699997  | La Pradera  | Arbol         | 12,5         | 10,01-15,00 mts |
| Acacia amarilla - CEDRO | 4825905770092345-75.6730332057932   | La Pradera  | Arbol         | 17           | 15,01-28,00 mts |
| Palma zanonca           | 4826526508994678-75.67302346229563  | La Pradera  | Palma         | 8,5          | 5,01-10,00 mts  |
| Palma zanonca           | 4826459687010618-75.6729931125927   | La Pradera  | Palma         | 0,95 - 9,50  | 0,00-2,00 mts   |
| Tulipan africano        | 482646898328723-75.67299691811523   | La Pradera  | Arbol         | 8            | 5,01-10,00 mts  |
| Palma zanonca           | 4826427280553204-75.67295707762241  | La Pradera  | Palma         | 9,5          | 5,01-10,00 mts  |
| Palma zanonca           | 482642648968401-75.67295808345078   | La Pradera  | Palma         | 10           | 5,01-10,00 mts  |
| Acacia amarilla         | 48264587113023-75.67288164049387    | La Pradera  | Arbol         | 9,2          | 5,01-10,00 mts  |
| Acacia amarilla         | 482623785303059-75.6727884337306    | La Pradera  | Arbol         | 10,8         | 10,01-15,00 mts |
| Laurel chilapanoso      | 482628832673632-75.67274753004313   | La Pradera  | Arbol         | 11,6         | 10,01-15,00 mts |
| Acacia amarilla         | 482627029508505-75.67269187420607   | La Pradera  | Arbol         | 9,8          | 5,01-10,00 mts  |
| Tulipan africano        | 4826295680147983-75.67264202389154  | La Pradera  | Arbol         | 11           | 10,01-15,00 mts |
| Acacia amarilla         | 4826287632051422-75.67266270518303  | La Pradera  | Arbol         | 0,78 - 7,8   | 0,00-2,00 mts   |
| Benjamin                | 4826284625265174-75.6725849211216   | La Pradera  | Arbol         | 13           | 10,01-15,00 mts |
| Caucho                  | 482628623003096-75.6725037842989    | La Pradera  | Arbol         | 8,5          | 5,01-10,00 mts  |
| Acacia amarilla         | 482628636575565-75.67247193306684   | La Pradera  | Arbol         | 8,5          | 5,01-10,00 mts  |



# SERVICIUDAD ESP

Empresa Industrial y Comercial del Estado  
 NIT. 816.001.609-1  
 NUIR 1-661700002



Vigilado  
Superservicios

| NOM_COM           | COORDENADA         | BARRIO     | HAB_CRECH      | H_mts_1      | Rango_ajto      |
|-------------------|--------------------|------------|----------------|--------------|-----------------|
| Acacia amarilla   | 4 8263190362045    | La Pradera | arbol          | 13,6         | 10,01-15,00 mts |
| Acacia amarilla   | 4 826350774550375  | La Pradera | arbol          | 10,2         | 10,01-15,00 mts |
| Acacia amarilla   | 4 826348435048075  | La Pradera | arbol          | 10           | 5,01-10,00 mts  |
| Acacia amarilla   | 4 8263698175368095 | La Pradera | arbol          | 9,2          | 5,01-10,00 mts  |
| Acacia amarilla   | 4 826405230791685  | La Pradera | arbol          | 8,2          | 5,01-10,00 mts  |
| Acacia amarilla   | 4 826406233053584  | La Pradera | arbol          | 10           | 5,01-10,00 mts  |
| Acacia amarilla   | 4 826400553599442  | La Pradera | arbol          | 8,8          | 5,01-10,00 mts  |
| Pino libro        | 4 8255770278662355 | La Pradera | arbol          | 3,8          | 2,01-5,00 mts   |
| Pino libro        | 4 8254741288440375 | La Pradera | arbol          | 3,6          | 2,01-5,00 mts   |
| Palma quercy      | 4 825451410878007  | La Pradera | Palma          | 14,8         | 10,01-15,00 mts |
| Pino libro        | 4 825436504838356  | La Pradera | arbol          | 2            | 0,00-2,00 mts   |
| Pino libro        | 4 825418336185681  | La Pradera | arbol          | 2,5          | 2,01-5,00 mts   |
| Pino libro        | 4 825386268284355  | La Pradera | arbol          | 2,3          | 2,01-5,00 mts   |
| Palma quercy      | 4 82543002265833   | La Pradera | Palma          | 12,8         | 10,01-15,00 mts |
| Bamb     amarillo | 4 825355103501162  | La Pradera | Herbaeosa rizo | 0            | 0,00-2,00 mts   |
| Pino libro        | 4 825166768303584  | La Pradera | arbol          | 0,02 - 2,0   | 0,00-2,00 mts   |
| Palo de la cruz   | 4 825074225677827  | La Pradera | arbol          | 7,8          | 5,01-10,00 mts  |
| Pino libro        | 4 824897365443477  | La Pradera | arbol          | 2,25         | 2,01-5,00 mts   |
| Carbonero enano   | 4 824885352715564  | La Pradera | Arbusto        | 2,4          | 2,01-5,00 mts   |
| Urajan            | 4 825019789338727  | La Pradera | arbol          | 18 - 21,0    | 15,01-28,00 mts |
| Pino libro        | 4 8248943786515175 | La Pradera | arbol          | 2,5          | 2,01-5,00 mts   |
| Pino libro        | 4 824994044993522  | La Pradera | arbol          | 0,02 - 2,0   | 0,00-2,00 mts   |
| Pino libro        | 4 825016428458887  | La Pradera | arbol          | 2,3          | 2,01-5,00 mts   |
| Urajan            | 4 8250414850573    | La Pradera | arbol          | 17 - 22,0    | 15,01-28,00 mts |
| Tulipan africano  | 4 825084582404414  | La Pradera | arbol          | 0,11 - 11,0  | 0,00-2,00 mts   |
| Pino romero       | 4 825210219835506  | La Pradera | arbol          | 0,16 - 18,0  | 0,00-2,00 mts   |
| Calmo amarillo    | 4 825319112105819  | La Pradera | arbol          | 11           | 10,01-15,00 mts |
| Calmo amarillo    | 4 825397958830549  | La Pradera | arbol          | 1,04 - 10,40 | 0,00-2,00 mts   |
| Nogal cafetero    | 4 825386268284355  | La Pradera | arbol          | 0,16 - 18,0  | 0,00-2,00 mts   |
| Guayabo dulce     | 4 825306827201747  | La Pradera | arbol          | 2,7          | 2,01-5,00 mts   |
| Bamb     amarillo | 4 825497180890071  | La Pradera | Herbaeosa rizo | 0            | 0,00-2,00 mts   |
| Calmo amarillo    | 4 825490499144073  | La Pradera | arbol          | 7,9          | 5,01-10,00 mts  |
| Calmo amarillo    | 4 82547179022971   | La Pradera | arbol          | 8,6          | 5,01-10,00 mts  |
| Tambor            | 4 825579386480194  | La Pradera | arbol          | 8,7          | 5,01-10,00 mts  |
| Calmo amarillo    | 4 825653539473011  | La Pradera | arbol          | 11           | 10,01-15,00 mts |
| Urajan            | 4 82568680825977   | La Pradera | arbol          | 15           | 10,01-15,00 mts |
| Urajan            | 4 825678924060855  | La Pradera | arbol          | 14           | 10,01-15,00 mts |
| Urajan            | 4 825681597311122  | La Pradera | arbol          | 0,13 - 13,0  | 0,00-2,00 mts   |
| Urajan            | 4 825762446519448  | La Pradera | arbol          | 9            | 5,01-10,00 mts  |
| Urajan            | 4 825691619940782  | La Pradera | arbol          | 15           | 10,01-15,00 mts |
| Urajan            | 4 825812225765267  | La Pradera | arbol          | 1,48 - 14,80 | 0,00-2,00 mts   |
| Urajan            | 4 825724360522995  | La Pradera | arbol          | 8            | 5,01-10,00 mts  |
| Urajan            | 4 825778148637297  | La Pradera | arbol          | 13,2         | 10,01-15,00 mts |
| Urajan            | 4 825815232361004  | La Pradera | arbol          | 14           | 10,01-15,00 mts |
| Calmo amarillo    | 4 825732044545637  | La Pradera | arbol          | 10,4         | 10,01-15,00 mts |
| Calmo amarillo    | 4 825752089803218  | La Pradera | arbol          | 11           | 10,01-15,00 mts |
| Calmo amarillo    | 4 825714337900772  | La Pradera | arbol          | 12,7         | 10,01-15,00 mts |
| Cambulo           | 4 825696628892594  | La Pradera | arbol          | 12,6         | 10,01-15,00 mts |
| Calmo amarillo    | 4 825844832068447  | La Pradera | arbol          | 9,6          | 5,01-10,00 mts  |
| Guayabo dulce     | 4 825843989893297  | La Pradera | arbol          | 2,8          | 2,01-5,00 mts   |
| Guayabo dulce     | 4 825870022723852  | La Pradera | arbol          | 3,5          | 2,01-5,00 mts   |
| Calmo amarillo    | 4 825888897539672  | La Pradera | arbol          | 8,3          | 5,01-10,00 mts  |
| Tulipan africano  | 4 8259124518432596 | La Pradera | arbol          | 0,82 - 8,20  | 0,00-2,00 mts   |
| Pinon de oreja    | 4 825905101917257  | La Pradera | arbol          | 1,47 - 14,70 | 0,00-2,00 mts   |
| Calmo amarillo    | 4 825939847021319  | La Pradera | arbol          | 1,06 - 10,60 | 0,00-2,00 mts   |
| Tulipan africano  | 4 825942858309098  | La Pradera | arbol          | 0,59 - 5,90  | 0,00-2,00 mts   |
| Hijeron           | 4 825842961830557  | La Pradera | arbol          | 0,41 - 3,40  | 0,00-2,00 mts   |
| Calmo amarillo    | 4 825801868857202  | La Pradera | arbol          | 11           | 10,01-15,00 mts |
| Urajan            | 4 8257848303894715 | La Pradera | arbol          | 15,2         | 15,01-28,00 mts |
| Urajan            | 4 825772489147901  | La Pradera | arbol          | 16           | 15,01-28,00 mts |
| Urajan            | 4 825783114894680  | La Pradera | arbol          | 9            | 5,01-10,00 mts  |
| Tulipan africano  | 4 82572402644231   | La Pradera | arbol          | 9,7          | 5,01-10,00 mts  |
| Urajan            | 4 825762446519448  | La Pradera | arbol          | 12,7         | 10,01-15,00 mts |
| Tulipan africano  | 4 825761110186958  | La Pradera | arbol          | 1,36 - 13,60 | 0,00-2,00 mts   |
| Urajan            | 4 825797191830813  | La Pradera | arbol          | 16           | 15,01-28,00 mts |
| Urajan            | 4 825767791921308  | La Pradera | arbol          | 12           | 10,01-15,00 mts |
| Tulipan africano  | 4 82581280347786   | La Pradera | arbol          | 11           | 10,01-15,00 mts |
| Tulipan africano  | 4 825783114894680  | La Pradera | arbol          | 10,9         | 10,01-15,00 mts |
| Guayabo dulce     | 4 825628477371483  | La Pradera | arbol          | 0,27 - 3,30  | 0,00-2,00 mts   |
| Urajan            | 4 825640838619674  | La Pradera | arbol          | 11,8         | 10,01-15,00 mts |
| Naranja           | 4 825620125179344  | La Pradera | arbol          | 0,43 - 4,30  | 0,00-2,00 mts   |
| Cacao de monte    | 4 825638280511362  | La Pradera | arbol          | 10           | 5,01-10,00 mts  |
| Urajan            | 4 825620125179344  | La Pradera | arbol          | 0,14 - 1,4   | 0,00-2,00 mts   |
| Urajan            | 4 825581705094139  | La Pradera | arbol          | 16           | 15,01-28,00 mts |
| Urajan            | 4 825545623620857  | La Pradera | arbol          | 12           | 10,01-15,00 mts |
| Cacao de monte    | 4 825483483301257  | La Pradera | arbol          | 12           | 10,01-15,00 mts |
| Urajan            | 4 825546291796301  | La Pradera | arbol          | 0,17 - 1,7   | 0,00-2,00 mts   |
| Urajan            | 4 825537214277701  | La Pradera | arbol          | 18           | 15,01-28,00 mts |
| Palma areca       | 4 825632152335997  | La Pradera | Palma          | 0,39 - 3,90  | 0,00-2,00 mts   |
| Palma areca       | 4 825618454740906  | La Pradera | Palma          | 0,48 - 4,80  | 0,00-2,00 mts   |
| Palma areca       | 4 825753426153698  | La Pradera | Palma          | 2            | 0,00-2,00 mts   |
| Araucaria         | 4 82579880574780   | La Pradera | arbol          | 10           | 5,01-10,00 mts  |
| Palma areca       | 4 825798527281204  | La Pradera | Palma          | 3,5          | 2,01-5,00 mts   |
| Palma areca       | 4 825805877908365  | La Pradera | Palma          | 0,33 - 3,30  | 0,00-2,00 mts   |
| Palma areca       | 4 8258336071783    | La Pradera | Palma          | 0,39 - 3,90  | 0,00-2,00 mts   |
| Tulipan africano  | 4 826060118521625  | La Pradera | arbol          | 10           | 5,01-10,00 mts  |
| Acacia amarilla   | 4 8259007791429095 | La Pradera | arbol          | 0,12 - 12,0  | 0,00-2,00 mts   |
| Pomo              | 4 825630815085283  | La Pradera | arbol          | 1,3 - 13,0   | 0,00-2,00 mts   |
| Mestizo           | 4 8255342646381205 | La Pradera | arbol          | 9,8          | 5,01-10,00 mts  |
| Guayacan amarillo | 4 825526914708021  | La Pradera | arbol          | 14           | 10,01-15,00 mts |
| Varasanta         | 4 825220240471986  | La Pradera | arbol          | 0,11 - 1,1   | 0,00-2,00 mts   |
| Carbonero zorro   | 4 8251203298142675 | La Pradera | arbol          | 11           | 10,01-15,00 mts |
| Tulipan africano  | 4 825074893853742  | La Pradera | arbol          | 0,18 - 1,8   | 0,00-2,00 mts   |
| Guayacan amarillo | 4 824046604066423  | La Pradera | arbol          | 17           | 15,01-28,00 mts |
| Urajan            | 4 82488713639636   | La Pradera | arbol          | 12           | 10,01-15,00 mts |
| Bamb     amarillo | 4 824779225948064  | La Pradera | Herbaeosa rizo | 0            | 0,00-2,00 mts   |
| Yarumo negro      | 4 824803948467157  | La Pradera | arbol          | 18           | 15,01-28,00 mts |
| Guadulla          | 4 824874775138455  | La Pradera | Herbaeosa rizo | 0            | 0,00-2,00 mts   |
| Guayabo dulce     | 4 824705726961709  | La Pradera | arbol          | 0,75 - 7,50  | 0,00-2,00 mts   |
| Celba verde       | 4 824465851236278  | La Pradera | arbol          | 11           | 10,01-15,00 mts |
| Araucaria         | 4 82470067443076   | La Pradera | arbol          | 18           | 15,01-28,00 mts |
| Medio comino      | 4 82475918096167   | La Pradera | arbol          | 0,63 - 6,30  | 0,00-2,00 mts   |
| Medio comino      | 4 8248348484570705 | La Pradera | arbol          | 8            | 5,01-10,00 mts  |
| Medio comino      | 4 82483290645749   | La Pradera | arbol          | 6,7          | 5,01-10,00 mts  |
| Laurel rosado     | 4 825042821409193  | La Pradera | arbol          | 1,08 - 10,80 | 0,00-2,00 mts   |
| Escobero          | 4 825033466945892  | La Pradera | arbol          | 0,12 - 12,0  | 0,00-2,00 mts   |
| Tulipan africano  | 4 825140395463893  | La Pradera | arbol          | 5,2          | 5,01-10,00 mts  |
| Tulipan africano  | 4 825182136079218  | La Pradera | arbol          | 0,98 - 9,80  | 0,00-2,00 mts   |
| Bamb     amarillo | 4 824261055104455  | La Pradera | Herbaeosa rizo | 0            | 0,00-2,00 mts   |
| Madrono           | 4 8245944752026455 | La Pradera | arbol          | 0,11 - 11,0  | 0,00-2,00 mts   |
| Benjamin careado  | 4 824071994755415  | La Pradera | arbol          | 0,11 - 11,0  | 0,00-2,00 mts   |
| Guayacan rosado   | 4 825045160024983  | La Pradera | arbol          | 11,6         | 10,01-15,00 mts |
| Benjamin          | 4 8251073003847225 | La Pradera | arbol          | 14 - 22,0    | 10,01-15,00 mts |



| NOM_COM           | COORDENADA                            | BARRIO     | HAB_CRECH      | H_mts_1      | Rango_ufm       |
|-------------------|---------------------------------------|------------|----------------|--------------|-----------------|
| Guayaba agrila    | 4.825129013836701,-75.67322798073292  | La Pradera | arbol          | 7,8          | 5,01-10,00 mts  |
| Tulipan afroano   | 4.824903346955543,-75.6731428205967   | La Pradera | arbol          | 0,43 - 4,30  | 0,00-2,00 mts   |
| Casco de vaca     | 4.824884463691977,-75.6731153279543   | La Pradera | arbol          | 0,55 - 5,50  | 0,00-2,00 mts   |
| Cedro rosado      | 4.8246141864057375,-75.67289907485247 | La Pradera | arbol          | 0,29 - 2,90  | 0,00-2,00 mts   |
| Limon tahit       | 4.824506275914056,-75.67289974540472  | La Pradera | arbol          | 0,29 - 2,90  | 0,00-2,00 mts   |
| Nogal cafetero    | 4.824369407313324,-75.67278742790222  | La Pradera | arbol          | 0,29 - 2,90  | 0,00-2,00 mts   |
| Nogal cafetero    | 4.824261389192807,-75.67265935242178  | La Pradera | arbol          | 0,24 - 2,40  | 0,00-2,00 mts   |
| Nogal cafetero    | 4.82418892015554,-75.67265935242178   | La Pradera | arbol          | 7,1          | 5,01-10,00 mts  |
| Cambulo           | 4.824111717925238,-75.67264426499605  | La Pradera | arbol          | 2,4          | 2,01-5,00 mts   |
| Falio saman       | 4.824074633775768,-75.67261308431625  | La Pradera | arbol          | 0,26 - 2,60  | 0,00-2,00 mts   |
| Gualanday         | 4.823881864713605,-75.672558860915899 | La Pradera | arbol          | 4,4          | 2,01-5,00 mts   |
| Falio saman       | 4.823798342572619,-75.67250713706017  | La Pradera | arbol          | 0,31 - 3,10  | 0,00-2,00 mts   |
| Guayabo dulce     | 4.823734197961374,-75.6723502278528   | La Pradera | arbol          | 8,4          | 5,01-10,00 mts  |
| Guayabo dulce     | 4.823720165893045,-75.67240238401058  | La Pradera | arbol          | 6,8          | 5,01-10,00 mts  |
| Guayabo dulce     | 4.8236869333079,-75.67248723920107    | La Pradera | arbol          | 7,5          | 5,01-10,00 mts  |
| Guayabo dulce     | 4.823658420921674,-75.67247595638037  | La Pradera | arbol          | 8,3          | 5,01-10,00 mts  |
| Guano macheto     | 4.823632638144488,-75.67246858030558  | La Pradera | arbol          | 7,5          | 5,01-10,00 mts  |
| Guayabo dulce     | 4.823618268917702,-75.6724239895307   | La Pradera | arbol          | 0,78 - 7,8   | 0,00-2,00 mts   |
| Guayabo dulce     | 4.823600616584819,-75.672433270576    | La Pradera | arbol          | 0,69-6,9     | 0,00-2,00 mts   |
| Guano macheto     | 4.8235430088461,-75.67238174378872    | La Pradera | arbol          | 17           | 15,01-28,00 mts |
| Guano macheto     | 4.823530423870274,-75.67234922200441  | La Pradera | arbol          | 0,52 - 5,20  | 0,00-2,00 mts   |
| Aguacate          | 4.823476281100791,-75.67234218120575  | La Pradera | arbol          | 7            | 5,01-10,00 mts  |
| Benjamin          | 4.823415476946843,-75.67225789162179  | La Pradera | arbol          | 28           | 15,01-28,00 mts |
| Bamb   amarillo   | 4.823402113395702,-75.67223321646482  | La Pradera | Herbaesca rizo | 0            | 0,00-2,00 mts   |
| Bamb   amarillo   | 4.823351451063708,-75.6721705198288   | La Pradera | Herbaesca rizo | 0            | 0,00-2,00 mts   |
| Eucalipto         | 4.823778631340849,-75.67206624895334  | La Pradera | arbol          | 0,18 - 18,0  | 0,00-2,00 mts   |
| Eucalipto         | 4.823781972231771,-75.67203439772129  | La Pradera | arbol          | 0,17 - 17,0  | 0,00-2,00 mts   |
| Eucalipto         | 4.824004475197959,-75.67201796919107  | La Pradera | arbol          | 0,11 - 11    | 0,00-2,00 mts   |
| Eucalipto         | 4.823744854308881,-75.6722067296505   | La Pradera | arbol          | 0,12 - 12    | 0,00-2,00 mts   |
| Guadua            | 4.823209303720249,-75.6722423671961   | La Pradera | Herbaesca rizo | 0            | 0,00-2,00 mts   |
| Eucalipto         | 4.823836762758749,-75.67221980541945  | La Pradera | arbol          | 18           | 15,01-28,00 mts |
| Eucalipto         | 4.8238177197102345,-75.6722841784358  | La Pradera | arbol          | 1,31 - 13,10 | 0,00-2,00 mts   |
| Eucalipto         | 4.823913269035953,-75.6722017005086   | La Pradera | arbol          | 0,17 - 17,0  | 0,00-2,00 mts   |
| Eucalipto         | 4.824100713061957,-75.67211989313384  | La Pradera | arbol          | 22           | 15,01-28,00 mts |
| Eucalipto         | 4.824292489409259,-75.67221846431494  | La Pradera | arbol          | 24           | 15,01-28,00 mts |
| Guano macheto     | 4.82432987730246,-75.6722603695467    | La Pradera | arbol          | 11           | 10,01-15,00 mts |
| Casco de vaca     | 4.824358808897626,-75.67221578210592  | La Pradera | arbol          | 0,16 - 16,0  | 0,00-2,00 mts   |
| Casco de vaca     | 4.824320188741036,-75.67212626338005  | La Pradera | arbol          | 12           | 10,01-15,00 mts |
| Bamb   amarillo   | 4.8243859590688825,-75.67208603024483 | La Pradera | Herbaesca rizo | 0            | 0,00-2,00 mts   |
| Yarumo negro      | 4.824433444674676,-75.67207261919975  | La Pradera | arbol          | 16           | 15,01-28,00 mts |
| Bamb   amarillo   | 4.824473201177877,-75.6720407679677   | La Pradera | Herbaesca rizo | 0            | 0,00-2,00 mts   |
| Cambulo           | 4.824302816147767,-75.67192225507021  | La Pradera | arbol          | 7,9          | 5,01-10,00 mts  |
| Acacia amarilla   | 4.824787912238696,-75.67186441272497  | La Pradera | arbol          | 8,5          | 5,01-10,00 mts  |
| Nogal cafetero    | 4.824743478202325,-75.67183054983616  | La Pradera | arbol          | 20           | 15,01-28,00 mts |
| Urapan            | 4.824889475012711,-75.67177321761847  | La Pradera | arbol          | 11           | 10,01-15,00 mts |
| Acacia amarilla   | 4.824023886080722,-75.67176382988691  | La Pradera | arbol          | 18           | 15,01-28,00 mts |
| Matapalo          | 4.824802612114795,-75.67175377160311  | La Pradera | arbol          | 9,2          | 5,01-10,00 mts  |
| Acacia amarilla   | 4.824899163969605,-75.6717487424612   | La Pradera | arbol          | 12           | 10,01-15,00 mts |
| Urapan            | 4.824966649347296,-75.6717437133193   | La Pradera | arbol          | 9,8          | 5,01-10,00 mts  |
| Urapan            | 4.825026785186339,-75.67183490842581  | La Pradera | arbol          | 12           | 10,01-15,00 mts |
| Urapan            | 4.825028121538267,-75.67182518541811  | La Pradera | arbol          | 0,14 - 14,0  | 0,00-2,00 mts   |
| Urapan            | 4.824978008339511,-75.67179402805185  | La Pradera | arbol          | 5,2          | 5,01-10,00 mts  |
| Acacia amarilla   | 4.824975669723492,-75.67177087068558  | La Pradera | arbol          | 0,21 - 21,0  | 0,00-2,00 mts   |
| Pino libro        | 4.825150084013497,-75.67195627838373  | La Pradera | arbol          | 5,8          | 5,01-10,00 mts  |
| Pino libro        | 4.825151399991408,-75.67195761948824  | La Pradera | arbol          | 6,2          | 5,01-10,00 mts  |
| Pino libro        | 4.825138036474528,-75.67193037530794  | La Pradera | arbol          | 5,8          | 5,01-10,00 mts  |
| Pino libro        | 4.825121332078076,-75.67190082254666  | La Pradera | arbol          | 7            | 5,01-10,00 mts  |
| Pino libro        | 4.825106632208845,-75.67187648266554  | La Pradera | arbol          | 0,79 - 7,90  | 0,00-2,00 mts   |
| Acacia amarilla   | 4.825013755795,-75.67174841301346     | La Pradera | arbol          | 0,17 - 17,0  | 0,00-2,00 mts   |
| Acacia amarilla   | 4.825038144177562,-75.67173496086388  | La Pradera | arbol          | 16           | 15,01-28,00 mts |
| Laurel chisparoso | 4.825037476001609,-75.6716767328178   | La Pradera | arbol          | 12           | 10,01-15,00 mts |
| Urapan            | 4.825062966687216,-75.6717262789607   | La Pradera | arbol          | 17           | 15,01-28,00 mts |
| Urapan            | 4.825024446570473,-75.67174036055803  | La Pradera | arbol          | 12           | 10,01-15,00 mts |
| Urapan            | 4.825082911964841,-75.67175209522247  | La Pradera | arbol          | 16,5         | 15,01-28,00 mts |
| Urapan            | 4.825031796508029,-75.6717524304086   | La Pradera | arbol          | 12           | 10,01-15,00 mts |
| Gualanday         | 4.825117323028866,-75.67173390931162  | La Pradera | arbol          | 0,82 - 8,20  | 0,00-2,00 mts   |
| Urapan            | 4.825124672957407,-75.67175511270761  | La Pradera | arbol          | 14           | 10,01-15,00 mts |
| Gualanday         | 4.82519829155738,-75.67177388817072   | La Pradera | arbol          | 4,8          | 2,01-5,00 mts   |
| Nogal cafetero    | 4.825164429420115,-75.671756118536    | La Pradera | arbol          | 18           | 15,01-28,00 mts |
| Urapan            | 4.825150084013497,-75.67175108939409  | La Pradera | arbol          | 0,12 - 12,0  | 0,00-2,00 mts   |
| Urapan            | 4.825175120233221,-75.67174237221481  | La Pradera | arbol          | 22           | 15,01-28,00 mts |
| Urapan            | 4.82519015418887,-75.67177388817072   | La Pradera | arbol          | 11,4         | 10,01-15,00 mts |
| Mataraton         | 4.825352520888859,-75.67161530258271  | La Pradera | arbol          | 9            | 5,01-10,00 mts  |
| Nogal cafetero    | 4.825341161902642,-75.67169778048902  | La Pradera | arbol          | 12           | 10,01-15,00 mts |
| Gualanday         | 4.825340493726905,-75.6716887280345   | La Pradera | arbol          | 11           | 10,01-15,00 mts |
| Leucaena          | 4.825375572947796,-75.6716246029427   | La Pradera | arbol          | 3,4          | 2,01-5,00 mts   |
| Leucaena          | 4.825475790282845,-75.67164480686188  | La Pradera | arbol          | 2,9          | 2,01-5,00 mts   |
| Pino libro        | 4.825273342070746,-75.67199651151896  | La Pradera | arbol          | 7,8          | 5,01-10,00 mts  |
| Pino libro        | 4.825317441666644,-75.67200019059635  | La Pradera | arbol          | 7,2          | 5,01-10,00 mts  |
| Pino libro        | 4.825349514098229,-75.6719998428021   | La Pradera | arbol          | 8,6          | 5,01-10,00 mts  |
| Pino libro        | 4.825408981727771,-75.67199114710093  | La Pradera | arbol          | 8            | 5,01-10,00 mts  |
| Pino libro        | 4.825417688010297,-75.67198108881712  | La Pradera | arbol          | 7,8          | 5,01-10,00 mts  |
| Pino libro        | 4.825448733647188,-75.67198008298874  | La Pradera | arbol          | 8,5          | 5,01-10,00 mts  |
| Urapan            | 4.825504864917241,-75.67171521484852  | La Pradera | arbol          | 0,98 - 9,80  | 0,00-2,00 mts   |
| Acacia amarilla   | 4.825478487458362,-75.67162388446589  | La Pradera | arbol          | 10,6         | 10,01-15,00 mts |
| Urapan            | 4.82555648252515,-75.67170951515436   | La Pradera | arbol          | 0,1 - 10,0   | 0,00-2,00 mts   |
| Urapan            | 4.82554528953141,-75.67162334918076   | La Pradera | arbol          | 11,2         | 10,01-15,00 mts |
| Urapan            | 4.825533596462664,-75.67168202251196  | La Pradera | arbol          | 10,8         | 10,01-15,00 mts |
| Gualanday         | 4.825560991658015,-75.6716875473547   | La Pradera | arbol          | 12           | 10,01-15,00 mts |
| Urapan            | 4.825628143263793,-75.6716488301754   | La Pradera | arbol          | 1,22 - 12,20 | 0,00-2,00 mts   |
| Urapan            | 4.82564870297997,-75.67162670195103   | La Pradera | arbol          | 0,94 - 9,40  | 0,00-2,00 mts   |
| Urapan            | 4.825730728961048,-75.67160396789827  | La Pradera | arbol          | 1,32 - 13,20 | 0,00-2,00 mts   |
| Nogal cafetero    | 4.825741398999194,-75.67159418019672  | La Pradera | arbol          | 8,4          | 5,01-10,00 mts  |
| Urapan            | 4.82588530075167,-75.67161798477173   | La Pradera | arbol          | 8            | 5,01-10,00 mts  |
| Carbonero         | 4.825878040825362,-75.67160323262215  | La Pradera | arbol          | 19,2         | 15,01-28,00 mts |
| Urapan            | 4.825914122280985,-75.6716126203537   | La Pradera | arbol          | 1,16 - 16,10 | 0,00-2,00 mts   |
| Tulipan afroano   | 4.825908438267446,-75.6715576350689   | La Pradera | arbol          | 1,49 - 14,90 | 0,00-2,00 mts   |
| Guayacan amarillo | 4.825908939789315,-75.67155294120312  | La Pradera | arbol          | 1,42 - 14,20 | 0,00-2,00 mts   |
| Tulipan afroano   | 4.82595883222596,-75.6716226786376    | La Pradera | arbol          | 10,6         | 10,01-15,00 mts |
| Tulipan afroano   | 4.82600367739636,-75.6716676066385    | La Pradera | arbol          | 2,3 - 4,30   | 2,01-5,00 mts   |
| Urapan            | 4.826037734960674,-75.67155428230782  | La Pradera | arbol          | 14,3         | 10,01-15,00 mts |
| Nogal cafetero    | 4.826033057435913,-75.6715562939644   | La Pradera | arbol          | 9,6          | 5,01-10,00 mts  |
| Urapan            | 4.826017899414441,-75.67153383048389  | La Pradera | arbol          | 10,1         | 10,01-15,00 mts |
| Nogal cafetero    | 4.826025373423734,-75.67152846604587  | La Pradera | arbol          | 10,4         | 10,01-15,00 mts |
| Urapan            | 4.826036064223296,-75.67152913659811  | La Pradera | arbol          | 12           | 10,01-15,00 mts |
| Urapan            | 4.826134285936189,-75.67147549241781  | La Pradera | arbol          | 14,7         | 10,01-15,00 mts |
| Gualanday         | 4.826238843984442,-75.67154724150896  | La Pradera | arbol          | 16           | 15,01-28,00 mts |
| Gualanday         | 4.826141301772275,-75.67150667300761  | La Pradera | arbol          | 16           | 15,01-28,00 mts |
| Urapan            | 4.82609688142477,-75.6714815273881    | La Pradera | arbol          | 1,52 - 15,20 | 0,00-2,00 mts   |
| Urapan            | 4.826155339442096,-75.67150432616472  | La Pradera | arbol          | 6,2          | 5,01-10,00 mts  |
| Araucaria         | 4.826138290460804,-75.67160625010729  | La Pradera | arbol          | 21           | 15,01-28,00 mts |
| Tulipan afroano   | 4.8261202748246545,-75.67161094307308 | La Pradera | arbol          | 14           | 10,01-15,00 mts |
| Araucaria         | 4.826140299509993,-75.67161329090595  | La Pradera | arbol          | 23           | 15,01-28,00 mts |

| NOM. COM           | COORDENADA                            | BARRIO     | HAB. CRECH | H. mts. 1   | Rango. altura   |
|--------------------|---------------------------------------|------------|------------|-------------|-----------------|
| Urapan             | 4.2061680287962525,-75.6715127080679  | La Pradera | arbol      | 0,14 - 14,0 | 0,00-2,00 mts   |
| Gualanday          | 4.2061506962202096,-75.67147985100746 | La Pradera | arbol      | 0,15 - 16,0 | 0,00-2,00 mts   |
| Urapan             | 4.206246539304974,-75.67146879689528  | La Pradera | arbol      | 5,2         | 5,01-10,00 mts  |
| Urapan             | 4.206241193906894,-75.67153986543417  | La Pradera | arbol      | 0,11 - 11,0 | 0,00-2,00 mts   |
| Urapan             | 4.206249546091386,-75.6714972064219   | La Pradera | arbol      | 15,9        | 15,01-28,00 mts |
| Balso tambor       | 4.206233509897096,-75.671710012742281 | La Pradera | arbol      | 16          | 15,01-28,00 mts |
| Gualanday          | 4.206275270819011,-75.67148744579077  | La Pradera | arbol      | 17          | 15,01-28,00 mts |
| Benjamin           | 4.206280616216837,-75.67159250379607  | La Pradera | arbol      | 16          | 15,01-28,00 mts |
| Gualanday          | 4.206253889227287,-75.67157406399911  | La Pradera | arbol      | 13          | 10,01-15,00 mts |
| Gualanday          | 4.206261573236896,-75.67148509885788  | La Pradera | arbol      | 14          | 10,01-15,00 mts |
| Gualanday          | 4.206269257246403,-75.67154757678509  | La Pradera | arbol      | 16          | 15,01-28,00 mts |
| Urapan             | 4.206247207470744,-75.6715402007103   | La Pradera | arbol      | 17          | 15,01-28,00 mts |
| Pinon de oreja     | 4.206330061144723,-75.67164178937675  | La Pradera | arbol      | 19          | 15,01-28,00 mts |
| Tulipan africano   | 4.206273600382176,-75.67148353904486  | La Pradera | arbol      | 0,72 - 7,20 | 0,00-2,00 mts   |
| Urapan             | 4.206287969138768,-75.6714972064219   | La Pradera | arbol      | 13          | 10,01-15,00 mts |
| Balso tambor       | 4.2062888192339105,-75.67145101726055 | La Pradera | arbol      | 17          | 15,01-28,00 mts |
| Urapan             | 4.206263577761115,-75.671492256223416 | La Pradera | arbol      | 14,8        | 10,01-15,00 mts |
| Gusayaba peruana   | 4.2062685248197976,-75.67150700837372 | La Pradera | arbol      | 2,6         | 2,01-5,00 mts   |
| Urapan             | 4.206259234625279,-75.67157540470362  | La Pradera | arbol      | 12          | 10,01-15,00 mts |
| Tulipan africano   | 4.206222150025834,-75.671175444218538 | La Pradera | arbol      | 2,6 - 4,20  | 2,01-5,00 mts   |
| Gusayacan amarillo | 4.206337745153454,-75.6718339573213   | La Pradera | arbol      | 0,24 - 2,40 | 0,00-2,00 mts   |
| Balso tambor       | 4.206252817490746,-75.67161429673433  | La Pradera | arbol      | 26          | 15,01-28,00 mts |
| Urapan             | 4.205425276029467,-75.67163609698258  | La Pradera | arbol      | 0,16 - 16,0 | 0,00-2,00 mts   |
| Urapan             | 4.2053616637720361,-75.67175310105985 | La Pradera | arbol      | 12          | 10,01-15,00 mts |
| Urapan             | 4.205488414001063,-75.67169241607189  | La Pradera | arbol      | 13          | 10,01-15,00 mts |
| Urapan             | 4.20546033521941585,-75.67173499614   | La Pradera | arbol      | 0,25 - 25,0 | 0,00-2,00 mts   |
| Urapan             | 4.205421601060262,-75.67177657037073  | La Pradera | arbol      | 26          | 15,01-28,00 mts |
| Nogal cafetero     | 4.20543877007585,-75.67170180380344   | La Pradera | arbol      | 16          | 15,01-28,00 mts |
| Nogal cafetero     | 4.205470732255797,-75.67170308365671  | La Pradera | arbol      | 22          | 15,01-28,00 mts |
| Nogal cafetero     | 4.205430287338814,-75.671779223141    | La Pradera | arbol      | 26          | 15,01-28,00 mts |
| Nogal cafetero     | 4.20524165860533,-75.67180842161179   | La Pradera | arbol      | 19          | 15,01-28,00 mts |
| Urapan             | 4.2052538996024489,-75.67182317376137 | La Pradera | arbol      | 0,14 - 14,0 | 0,00-2,00 mts   |
| Urapan             | 4.205458350670524,-75.6718252069426   | La Pradera | arbol      | 11          | 10,01-15,00 mts |
| Urapan             | 4.205603678619668,-75.6718097627163   | La Pradera | arbol      | 0,12 - 12,0 | 0,00-2,00 mts   |
| Urapan             | 4.20547551967138,-75.6718234431362    | La Pradera | arbol      | 0,23 - 23,0 | 0,00-2,00 mts   |
| Urapan             | 4.205431144686996,-75.67234677177668  | La Pradera | arbol      | 0,16 - 16,0 | 0,00-2,00 mts   |
| Urapan             | 4.205493171846078,-75.6728259846968   | La Pradera | arbol      | 21          | 15,01-28,00 mts |
| Urapan             | 4.2051607544530675,-75.67281022667885 | La Pradera | arbol      | 11          | 10,01-15,00 mts |
| Urapan             | 4.205202515441037,-75.67280553281307  | La Pradera | arbol      | 14          | 10,01-15,00 mts |
| Cacao de monte     | 4.20522894802222,-75.67282196134329   | La Pradera | arbol      | 9,8         | 5,01-10,00 mts  |
| Urapan             | 4.205235296053792,-75.67280352119631  | La Pradera | arbol      | 13          | 10,01-15,00 mts |
| Urapan             | 4.205253964974881,-75.67280754448983  | La Pradera | arbol      | 16,5        | 15,01-28,00 mts |
| Urapan             | 4.205261648995596,-75.67279648035765  | La Pradera | arbol      | 16          | 15,01-28,00 mts |
| Urapan             | 4.205282362442858,-75.67280989140272  | La Pradera | arbol      | 14          | 10,01-15,00 mts |
| Urapan             | 4.205282362442858,-75.67280553281307  | La Pradera | arbol      | 13          | 10,01-15,00 mts |
| Urapan             | 4.205302073625977,-75.67280888657434  | La Pradera | arbol      | 14          | 10,01-15,00 mts |
| Urapan             | 4.205313432612594,-75.67282665520906  | La Pradera | arbol      | 14          | 10,01-15,00 mts |
| Urapan             | 4.205291382814867,-75.67280452698486  | La Pradera | arbol      | 0,14 - 14,0 | 0,00-2,00 mts   |
| Urapan             | 4.205230244739615,-75.67285548805597  | La Pradera | arbol      | 13          | 10,01-15,00 mts |
| Croto              | 4.205297016883403,-75.68042501807213  | La Pradera | Arbusto    | 2,9         | 2,01-5,00 mts   |
| Palma manila       | 4.202680990296345,-75.68040255457163  | La Pradera | Palma      | 8,5         | 5,01-10,00 mts  |
| Callistero         | 4.2083369208182405,-75.68034488707781 | La Pradera | arbol      | 3,8         | 2,01-5,00 mts   |
| Palma manila       | 4.2083379230772905,-75.68031806498786 | La Pradera | Palma      | 7,5         | 5,01-10,00 mts  |
| Palma cubana       | 4.209032154156805,-75.67946512252094  | La Pradera | Palma      | 17          | 15,01-28,00 mts |
| Palma cubana       | 4.209080237702343,-75.67937593907118  | La Pradera | Palma      | 16          | 15,01-28,00 mts |
| Palma cubana       | 4.20911634825221,-75.67939905869722   | La Pradera | Palma      | 15,5        | 15,01-28,00 mts |
| Palma cubana       | 4.209148411561498,-75.67931022465031  | La Pradera | Palma      | 15          | 10,01-15,00 mts |
| Palma cubana       | 4.209211224232962,-75.6792251230979   | La Pradera | Palma      | 15,5        | 15,01-28,00 mts |
| Pinon de oreja     | 4.209325815893649,-75.67902121692894  | La Pradera | arbol      | 22          | 15,01-28,00 mts |
| Palma cubana       | 4.208111412494435,-75.6804384291172   | La Pradera | Palma      | 10,5        | 10,01-15,00 mts |
| Palma robelini     | 4.208147159744841,-75.68043895967614  | La Pradera | Palma      | 2,8         | 2,01-5,00 mts   |
| Palma robelini     | 4.208100039554861,-75.68031270069693  | La Pradera | Palma      | 3           | 2,01-5,00 mts   |
| Palma manila       | 4.2080236956588,-75.68029694259167    | La Pradera | Palma      | 6,2         | 5,01-10,00 mts  |
| Palma manila       | 4.208041588420448,-75.68034958004358  | La Pradera | Palma      | 3,2         | 2,01-5,00 mts   |
| Palma cubana       | 4.208006843424015,-75.6802731379666   | La Pradera | Palma      | 9,2         | 5,01-10,00 mts  |
| Palma manila       | 4.208032468149745,-75.68045150488615  | La Pradera | Palma      | 2,7         | 2,01-5,00 mts   |
| Palma manila       | 4.208025218181975,-75.68045150488615  | La Pradera | Palma      | 2,3         | 2,01-5,00 mts   |
| Palma manila       | 4.2080165319328185,-75.68042602390052 | La Pradera | Palma      | 2           | 0,00-2,00 mts   |
| Palma manila       | 4.208005172991455,-75.6804209947586   | La Pradera | Palma      | 2,2         | 2,01-5,00 mts   |
| Palma quency       | 4.2079731006854,-75.68014608833458    | La Pradera | Palma      | 6,2         | 5,01-10,00 mts  |
| Palma manila       | 4.20786953385342,-75.6801189109829    | La Pradera | Palma      | 4,2         | 2,01-5,00 mts   |
| Palma quency       | 4.207912631020896,-75.68006794899702  | La Pradera | Palma      | 7,9         | 5,01-10,00 mts  |
| Palma quency       | 4.207880558710478,-75.68003676831722  | La Pradera | Palma      | 2,3         | 2,01-5,00 mts   |
| Palma areca        | 4.207872206546048,-75.68000391125679  | La Pradera | Palma      | 9,3         | 5,01-10,00 mts  |
| Palma quency       | 4.207812405045781,-75.67993819713993  | La Pradera | Palma      | 10,2        | 10,01-15,00 mts |
| Palma de corozo    | 4.207748255894082,-75.67987818270922  | La Pradera | Palma      | 9,5         | 5,01-10,00 mts  |
| Palma areca        | 4.207675429522495,-75.67979838699102  | La Pradera | Palma      | 10          | 5,01-10,00 mts  |
| Dracena            | 4.207673425000246,-75.67996452352524  | La Pradera | Arbusto    | 4,1         | 2,01-5,00 mts   |
| Palma quency       | 4.207613289307926,-75.67991405725479  | La Pradera | Palma      | 7           | 5,01-10,00 mts  |
| Palma quency       | 4.207641018593996,-75.67996971309185  | La Pradera | Palma      | 2,3         | 2,01-5,00 mts   |
| Palma quency       | 4.207624648345842,-75.67994423210622  | La Pradera | Palma      | 6,1         | 5,01-10,00 mts  |
| Palma manila       | 4.207612287137808,-75.67992344489634  | La Pradera | Palma      | 3,9         | 2,01-5,00 mts   |
| Palma areca        | 4.207631330079837,-75.67994702014369  | La Pradera | Palma      | 2           | 0,00-2,00 mts   |
| Palma areca        | 4.207687790729385,-75.6800065934658   | La Pradera | Palma      | 11          | 10,01-15,00 mts |
| Carpenteria        | 4.207638011813767,-75.67996669506071  | La Pradera | Palma      | 6,7         | 5,01-10,00 mts  |
| Carpenteria        | 4.20759090558822,-75.67990902811289   | La Pradera | Palma      | 8,8         | 5,01-10,00 mts  |
| Palma cubana       | 4.207710842700218,-75.67991506308317  | La Pradera | Palma      | 10,8        | 10,01-15,00 mts |
| Callistero         | 4.207688104816057,-75.6799100394127   | La Pradera | arbol      | 8           | 5,01-10,00 mts  |
| Palma cubana       | 4.20771318131591,-75.6799341738224    | La Pradera | Palma      | 7,5         | 5,01-10,00 mts  |
| Araucaria          | 4.207711510882524,-75.679928049744177 | La Pradera | arbol      | 2,1         | 2,01-5,00 mts   |
| Palma manila       | 4.207696811069398,-75.67991908630671  | La Pradera | Palma      | 3,8         | 2,01-5,00 mts   |
| Tulipan africano   | 4.207683402402049,-75.67986410111189  | La Pradera | arbol      | 11,5        | 10,01-15,00 mts |
| Callistero         | 4.20762230738932,-75.67982286214828   | La Pradera | arbol      | 8,7         | 5,01-10,00 mts  |
| Palma cubana       | 4.207611284877689,-75.67981448024511  | La Pradera | Palma      | 11          | 10,01-15,00 mts |
| Palma manila       | 4.20754747431355,-75.6797169148022    | La Pradera | Palma      | 3           | 2,01-5,00 mts   |
| Dracena            | 4.207556180068711,-75.67971490323544  | La Pradera | Arbusto    | 4,5         | 2,01-5,00 mts   |
| Palma cubana       | 4.20750309955768,-75.67815980259904   | La Pradera | Palma      | 8           | 5,01-10,00 mts  |
| Callistero         | 4.207533440670372,-75.6796882986538   | La Pradera | arbol      | 9           | 5,01-10,00 mts  |
| Palma cubana       | 4.207509054337489,-75.67966628819704  | La Pradera | Palma      | 7,8         | 5,01-10,00 mts  |
| Palma cubana       | 4.207448248024105,-75.67956436425447  | La Pradera | Palma      | 11,5        | 10,01-15,00 mts |
| Palma areca        | 4.2074235281220905,-75.6795422360301  | La Pradera | Palma      | 7,8         | 5,01-10,00 mts  |
| Palma areca        | 4.207383103618096,-75.67952144891024  | La Pradera | Palma      | 7           | 5,01-10,00 mts  |
| Callistero         | 4.2072952387787775,-75.67939437925816 | La Pradera | arbol      | 4,8         | 2,01-5,00 mts   |
| Palma cubana       | 4.207322633901011,-75.67941952496767  | La Pradera | Palma      | 8,9         | 5,01-10,00 mts  |
| Palma manila       | 4.207287554780886,-75.67939633263111  | La Pradera | Palma      | 3,9         | 2,01-5,00 mts   |
| Palma cubana       | 4.207287888677683,-75.67936152219772  | La Pradera | Palma      | 9,7         | 5,01-10,00 mts  |
| Callistero         | 4.2096458696748745,-75.60204401224852 | La Pradera | arbol      | 5,2         | 5,01-10,00 mts  |
| Palma areca        | 4.207249134790106,-75.67933570593597  | La Pradera | Palma      | 6,6         | 5,01-10,00 mts  |
| Palma areca        | 4.2072167283614005,-75.67935481667519 | La Pradera | Palma      | 2,2         | 2,01-5,00 mts   |
| Palma areca        | 4.20715590455628,-75.6792800500989    | La Pradera | Palma      | 5           | 2,01-5,00 mts   |
| Palma areca        | 4.207113829587858,-75.67932832986118  | La Pradera | Palma      | 4           | 2,01-5,00 mts   |
| Palma areca        | 4.206871282417021,-75.67861218005419  | La Pradera | Palma      | 5           | 2,01-5,00 mts   |
| Palma areca        | 4.207064384717094,-75.67927569150925  | La Pradera | Palma      | 4           | 2,01-5,00 mts   |

| NOM_COM                 | COORDENADA         | BARRIO     | HAB_CRECH | H. mts. 1 | Range_ altu     |
|-------------------------|--------------------|------------|-----------|-----------|-----------------|
| Palma areca             | 4 826625846673731  | La Pradera | Palma     | 3         | 2,01-5,00 mts   |
| Palma manila            | 4 827148574630026  | La Pradera | Palma     | 4,9       | 2,01-5,00 mts   |
| Palma cubana            | 4 827117170487367  | La Pradera | Palma     | 9,2       | 5,01-10,00 mts  |
| Palma areca             | 4 827168947150435  | La Pradera | Palma     | 2,7       | 2,01-5,00 mts   |
| Palma manila            | 4 827143229293032  | La Pradera | Palma     | 3,7       | 2,01-5,00 mts   |
| Palma areca             | 4 827144565687805  | La Pradera | Palma     | 8,2       | 5,01-10,00 mts  |
| Palma areca             | 4 827136547500241  | La Pradera | Palma     | 7,3       | 5,01-10,00 mts  |
| Palma areca             | 4 82706204610625   | La Pradera | Palma     | 6         | 5,01-10,00 mts  |
| Calistemo               | 4 827065721064692  | La Pradera | arbol     | 7,2       | 5,01-10,00 mts  |
| Palma areca             | 4 827066389238047  | La Pradera | Palma     | 5,8       | 5,01-10,00 mts  |
| Palma manila            | 4 826992556013266  | La Pradera | Palma     | 4         | 2,01-5,00 mts   |
| Gualanday               | 4 826930770263299  | La Pradera | arbol     | 9,4       | 5,01-10,00 mts  |
| Calistemo               | 4 8269247363464    | La Pradera | arbol     | 8,9       | 5,01-10,00 mts  |
| Palma areca             | 4 8269190368661    | La Pradera | Palma     | 7,2       | 5,01-10,00 mts  |
| Aguacate                | 4 82688633804665   | La Pradera | arbol     | 7         | 5,01-10,00 mts  |
| Dracena                 | 4 826881327641039  | La Pradera | Arbusto   | 8,2       | 5,01-10,00 mts  |
| Palma manila            | 4 82686159389187   | La Pradera | Palma     | 2,6       | 2,01-5,00 mts   |
| Palma cubana            | 4 8268528185183376 | La Pradera | Palma     | 8,5       | 5,01-10,00 mts  |
| Palma robelini          | 4 826851151833395  | La Pradera | Palma     | 4,8       | 2,01-5,00 mts   |
| Palma robelini          | 4 8268503321634    | La Pradera | Palma     | 4         | 2,01-5,00 mts   |
| Palma robelini          | 4 8268585871081795 | La Pradera | Palma     | 4,8       | 2,01-5,00 mts   |
| Palma robelini          | 4 82683282402654   | La Pradera | Palma     | 5,6       | 5,01-10,00 mts  |
| Palma areca             | 4 826819588681601  | La Pradera | Palma     | 2,2       | 2,01-5,00 mts   |
| Palma areca             | 4 826794504978174  | La Pradera | Palma     | 2,6       | 2,01-5,00 mts   |
| arbol palbo             | 4 826648107899212  | La Pradera | arbol     | 3,4       | 2,01-5,00 mts   |
| Palma cubana            | 4 826660473441904  | La Pradera | Palma     | 0,68-8    | 0,00-2,00 mts   |
| Palma areca             | 4 826612364888902  | La Pradera | Palma     | 2,2       | 2,01-5,00 mts   |
| Palma quency            | 4 8265943241778935 | La Pradera | Palma     | 9,7       | 5,01-10,00 mts  |
| Palma quency            | 4 826552897362815  | La Pradera | Palma     | 10        | 5,01-10,00 mts  |
| Palma areca             | 4 826481402892111  | La Pradera | Palma     | 4,2       | 2,01-5,00 mts   |
| Palma manila            | 4 82645544743733   | La Pradera | Palma     | 4         | 2,01-5,00 mts   |
| Palma cubana            | 4 826499777491379  | La Pradera | Palma     | 0,65-8,5  | 0,00-2,00 mts   |
| Calistemo               | 4 826477393644043  | La Pradera | arbol     | 8         | 5,01-10,00 mts  |
| Tulipan africano        | 4 826452671186815  | La Pradera | arbol     | 9,8       | 5,01-10,00 mts  |
| Palma cubana            | 4 8264329045310572 | La Pradera | Palma     | 9,2       | 5,01-10,00 mts  |
| Calistemo               | 4 826298991021537  | La Pradera | arbol     | 0,89-8,9  | 0,00-2,00 mts   |
| Palma cubana            | 4 826278945780015  | La Pradera | Palma     | 0,11-11   | 0,00-2,00 mts   |
| Palma robelini          | 4 826143306296864  | La Pradera | Palma     | 2,6       | 2,01-5,00 mts   |
| Palma robelini          | 4 826100543104448  | La Pradera | Palma     | 2,8       | 2,01-5,00 mts   |
| Palma areca             | 4 826074150195272  | La Pradera | Palma     | 3,4       | 2,01-5,00 mts   |
| Palma cubana            | 4 826125933750272  | La Pradera | Palma     | 4,8       | 2,01-5,00 mts   |
| Calistemo               | 4 826119920178363  | La Pradera | arbol     | 6,6       | 5,01-10,00 mts  |
| Palma manila            | 4 826091522743188  | La Pradera | Palma     | 3         | 2,01-5,00 mts   |
| Palma cubana            | 4 82605773909321   | La Pradera | Palma     | 7,8       | 5,01-10,00 mts  |
| Palma quency            | 4 825953878697447  | La Pradera | Palma     | 4,8       | 2,01-5,00 mts   |
| Palma areca             | 4 825910447317997  | La Pradera | Palma     | 4,4       | 2,01-5,00 mts   |
| Palma areca             | 4 825951540084774  | La Pradera | Palma     | 2         | 0,00-2,00 mts   |
| Palma manila            | 4 825975928473648  | La Pradera | Palma     | 2,4       | 2,01-5,00 mts   |
| Palma areca             | 4 82604308060037   | La Pradera | Palma     | 8,2       | 5,01-10,00 mts  |
| Palma manila            | 4 825886393014345  | La Pradera | Palma     | 4,2       | 2,01-5,00 mts   |
| Palma cubana            | 4 825832588791701  | La Pradera | Palma     | 10        | 5,01-10,00 mts  |
| Calistemo               | 4 82577348498774   | La Pradera | arbol     | 8         | 5,01-10,00 mts  |
| Palma manila            | 4 825725696880494  | La Pradera | Palma     | 4,5       | 2,01-5,00 mts   |
| Acacia mangium          | 4 825592729888384  | La Pradera | arbol     | 6,2       | 5,01-10,00 mts  |
| Calistemo               | 4 825584938187692  | La Pradera | arbol     | 8,5       | 5,01-10,00 mts  |
| Palma areca             | 4 82561656871137   | La Pradera | Palma     | 2         | 0,00-2,00 mts   |
| Palma areca             | 4 825786500827502  | La Pradera | Palma     | 2         | 0,00-2,00 mts   |
| Palma areca             | 4 825746076225978  | La Pradera | Palma     | 0,22-2,2  | 0,00-2,00 mts   |
| Palma areca             | 4 825712667462576  | La Pradera | Palma     | 0,21-3,1  | 0,00-2,00 mts   |
| Pino libro              | 4 825590057286761  | La Pradera | arbol     | 2,8       | 2,01-5,00 mts   |
| Palma areca             | 4 825619457003963  | La Pradera | Palma     | 8,4       | 5,01-10,00 mts  |
| Palma areca             | 4 8255798486655    | La Pradera | Palma     | 8,7       | 5,01-10,00 mts  |
| Benjamin                | 4 825479140160407  | La Pradera | arbol     | 5,8       | 5,01-10,00 mts  |
| Palma manila            | 4 825531591936282  | La Pradera | Palma     | 3,9       | 2,01-5,00 mts   |
| Palma cubana            | 4 825488494617563  | La Pradera | Palma     | 10,8      | 10,01-15,00 mts |
| Calistemo               | 4 825448065471643  | La Pradera | arbol     | 7         | 5,01-10,00 mts  |
| Palma manila            | 4 82536873084044   | La Pradera | Palma     | 4,7       | 2,01-5,00 mts   |
| Palma areca             | 4 825360225279377  | La Pradera | Palma     | 5,6       | 5,01-10,00 mts  |
| Dracena                 | 4 825357198118066  | La Pradera | Arbusto   | 4,8       | 2,01-5,00 mts   |
| Palma cubana            | 4 825295391869044  | La Pradera | Palma     | 10        | 5,01-10,00 mts  |
| Calistemo               | 4 825274344334325  | La Pradera | Palma     | 8         | 5,01-10,00 mts  |
| Palma areca             | 4 825401297708519  | La Pradera | Palma     | 8,2       | 5,01-10,00 mts  |
| Palma areca             | 4 825368225279377  | La Pradera | Palma     | 8         | 5,01-10,00 mts  |
| Palma areca             | 4 82535419132771   | La Pradera | Palma     | 7,7       | 5,01-10,00 mts  |
| Palma areca             | 4 825189151025163  | La Pradera | Palma     | 7,9       | 5,01-10,00 mts  |
| Palma areca             | 4 825155074958505  | La Pradera | Palma     | 9         | 5,01-10,00 mts  |
| Palma areca             | 4 825168104387136  | La Pradera | Palma     | 4,5       | 2,01-5,00 mts   |
| Palma areca             | 4 82505685310387   | La Pradera | Palma     | 8,6       | 5,01-10,00 mts  |
| Palma cubana            | 4 825131688803926  | La Pradera | Palma     | 10,2      | 10,01-15,00 mts |
| Calistemo               | 4 825040482793377  | La Pradera | arbol     | 7,6       | 5,01-10,00 mts  |
| Pino libro              | 4 824990035507564  | La Pradera | arbol     | 2,6       | 2,01-5,00 mts   |
| Palma areca             | 4 824028807401162  | La Pradera | Palma     | 6,8       | 5,01-10,00 mts  |
| Palma manila            | 4 825004401291317  | La Pradera | Palma     | 3,5       | 2,01-5,00 mts   |
| Palma quency            | 4 8231411900089025 | La Pradera | Palma     | 7,2       | 5,01-10,00 mts  |
| Palma quency            | 4 823214021386907  | La Pradera | Palma     | 8,1       | 5,01-10,00 mts  |
| Palma cubana            | 4 82329654133328   | La Pradera | Palma     | 11,5      | 10,01-15,00 mts |
| Palma cubana            | 4 82335487278745   | La Pradera | Palma     | 12        | 10,01-15,00 mts |
| Araucaria               | 4 823369038605834  | La Pradera | arbol     | 5,8       | 5,01-10,00 mts  |
| Palma quency            | 4 823248432539851  | La Pradera | Palma     | 11        | 10,01-15,00 mts |
| Palma quency            | 4 823257452938883  | La Pradera | Palma     | 10        | 5,01-10,00 mts  |
| Dracena                 | 4 82345233500649   | La Pradera | Arbusto   | 3,2       | 2,01-5,00 mts   |
| Guanabano               | 4 823456596964671  | La Pradera | arbol     | 5,2       | 5,01-10,00 mts  |
| Calistemo               | 4 823468931148403  | La Pradera | arbol     | 7,3       | 5,01-10,00 mts  |
| Palma manila            | 4 823531071652425  | La Pradera | Palma     | 3,9       | 2,01-5,00 mts   |
| Limon mandarina         | 4 8235678214101805 | La Pradera | arbol     | 2,7       | 2,01-5,00 mts   |
| Candelabro rojo         | 4 82359020532566   | La Pradera | Arbusto   | 3,4       | 2,01-5,00 mts   |
| Candelabro rojo         | 4 8236179347130195 | La Pradera | Arbusto   | 2,5       | 2,01-5,00 mts   |
| Resultado               | 4 823666711657568  | La Pradera | Arbusto   | 2,3       | 2,01-5,00 mts   |
| Palma cubana            | 4 823636309589805  | La Pradera | Palma     | 0,99      | 0,00-2,00 mts   |
| Sietecueros equatoriano | 4 8236376459444585 | La Pradera | Arbusto   | 0,02-2,0  | 0,00-2,00 mts   |
| Palma cubana            | 4 82393598705547   | La Pradera | Palma     | 9,7       | 5,01-10,00 mts  |
| Palma manila            | 4 823931309816218  | La Pradera | Palma     | 3,7       | 2,01-5,00 mts   |
| Calistemo               | 4 823933982524367  | La Pradera | arbol     | 7,9       | 5,01-10,00 mts  |
| Dracena                 | 4 823930641639183  | La Pradera | Arbusto   | 5,7       | 5,01-10,00 mts  |
| Palma cubana            | 4 823954361023641  | La Pradera | Palma     | 11        | 10,01-15,00 mts |
| Candelabro rojo         | 4 823983761711694  | La Pradera | Arbusto   | 2         | 0,00-2,00 mts   |
| Palma manila            | 4 823958370985732  | La Pradera | Palma     | 0,37-3,70 | 0,00-2,00 mts   |
| Calistemo               | 4 823983427623189  | La Pradera | arbol     | 8,6       | 5,01-10,00 mts  |
| Palma manila            | 4 824022181887328  | La Pradera | Palma     | 3,2       | 2,01-5,00 mts   |
| Palma cubana            | 4 824015166029321  | La Pradera | Palma     | 9,2       | 5,01-10,00 mts  |
| Palma areca             | 4 82399316180434   | La Pradera | Palma     | 5,7       | 5,01-10,00 mts  |
| Palma manila            | 4 824024854959121  | La Pradera | Palma     | 3,4       | 2,01-5,00 mts   |
| Palma areca             | 4 8240809814562895 | La Pradera | Palma     | 2         | 0,00-2,00 mts   |

| NOM_COM                         | COORDENADA                            | BARRIO     | HAB_CRECH     | H_mts_1     | Ranoc_ajtu      |
|---------------------------------|---------------------------------------|------------|---------------|-------------|-----------------|
| Palma cubana                    | 4.804037549056976,-75.6756025414848   | La Pradera | Palma         | 9,7         | 5,01-10,00 mts  |
| Palma cubana                    | 4.804573427646183,-75.6763472250936   | La Pradera | Palma         | 7,2         | 5,01-10,00 mts  |
| Callitemo                       | 4.804553048265496,-75.67630715668201  | La Pradera | arbol         | 5           | 2,01-5,00 mts   |
| Durania                         | 4.8046051660247335,-75.67637200205063 | La Pradera | Arbusto       | 2,2         | 2,01-5,00 mts   |
| Palma cubana                    | 4.804687351713868,-75.67642386191608  | La Pradera | Palma         | 11          | 10,01-15,00 mts |
| Callitemo                       | 4.804720426439604,-75.67640189382792  | La Pradera | arbol         | 5,3         | 5,01-10,00 mts  |
| Palma cubana                    | 4.804810630228912,-75.6765666604042   | La Pradera | Palma         | 7,6         | 5,01-10,00 mts  |
| Palma areca                     | 4.805630168177287,-75.6794386357069   | La Pradera | Palma         | 2,7         | 2,01-5,00 mts   |
| Palma areca                     | 4.80562246379315,-75.67943695932627   | La Pradera | Palma         | 2,3         | 2,01-5,00 mts   |
| Palma areca                     | 4.8055964040563077,-75.67944835871458 | La Pradera | Palma         | 3           | 2,01-5,00 mts   |
| Palma yuca                      | 4.805525244269395,-75.6794822216034   | La Pradera | Arbusto       | 4           | 2,01-5,00 mts   |
| Palma areca                     | 4.805506538862419,-75.679488591918468 | La Pradera | Palma         | 0,56 - 5,60 | 0,00-2,00 mts   |
| Palma yuca                      | 4.8055145534617665,-75.67949331498748 | La Pradera | Arbusto       | 5,2         | 5,01-10,00 mts  |
| Pino libro                      | 4.8051818010919324,-75.67969512194395 | La Pradera | arbol         | 2           | 0,00-2,00 mts   |
| Naranja - MANDARINO             | 4.805143043547366,-75.67976754158735  | La Pradera | arbol         | 8,2         | 5,01-10,00 mts  |
| Cresta de Gallo                 | 4.8052336861038198,-75.6795998510686  | La Pradera | arbol         | 7           | 5,01-10,00 mts  |
| Cresta de Gallo                 | 4.805212074771025,-75.67951875504448  | La Pradera | arbol         | 8,2         | 5,01-10,00 mts  |
| Guayacan rosado                 | 4.805248387609683,-75.67955363541642  | La Pradera | arbol         | 0,13 - 13,0 | 0,00-2,00 mts   |
| Palma robelini                  | 4.805210302079737,-75.67960426211357  | La Pradera | Palma         | 2,7         | 2,01-5,00 mts   |
| Guayacan rosado                 | 4.805241706201783,-75.679690862070322 | La Pradera | arbol         | 16          | 15,01-28,00 mts |
| Urapan                          | 4.805507360486175,-75.68018663091755  | La Pradera | arbol         | 14          | 10,01-15,00 mts |
| Mango                           | 4.80563097239567,-75.680176243186     | La Pradera | arbol         | 7,3         | 5,01-10,00 mts  |
| Aguacate                        | 4.80622230501237,-75.68007096648216   | La Pradera | arbol         | 0,92 - 9,20 | 0,00-2,00 mts   |
| Tulipan afriano                 | 4.80619801897762,-75.67968099991255   | La Pradera | arbol         | 9,4         | 5,01-10,00 mts  |
| Guayabo dulce                   | 4.80480254176703,-75.67968857126915   | La Pradera | arbol         | 4,9         | 2,01-5,00 mts   |
| Palma areca                     | 4.80866324934425,-75.67969344595332   | La Pradera | Palma         | 9,8         | 5,01-10,00 mts  |
| Palma areca                     | 4.80480866842822,-75.67944969981909   | La Pradera | Palma         | 9,2         | 5,01-10,00 mts  |
| Yarumo negro                    | 4.80470221258835,-75.67948490381241   | La Pradera | arbol         | 7,3         | 5,01-10,00 mts  |
| Araucaria                       | 4.804527015024826,-75.67931502464447  | La Pradera | arbol         | 11          | 10,01-15,00 mts |
| Palma areca                     | 4.80417769710153,-75.67944768816233   | La Pradera | Palma         | 0,1 - 10,0  | 0,00-2,00 mts   |
| Palma robelini                  | 4.80479909761023,-75.679526508500918  | La Pradera | Palma         | 0,46 - 4,60 | 0,00-2,00 mts   |
| Eugenia                         | 4.8082948259968235,-75.67951373759932 | La Pradera | arbol         | 0,63 - 8,30 | 0,00-2,00 mts   |
| Guadua                          | 4.808313686859692,-75.67951306700706  | La Pradera | Herbacea ftzo | 0           | 0,00-2,00 mts   |
| Tulipan afriano                 | 4.808308657564263,-75.6794785335966   | La Pradera | arbol         | 0,12 - 12,0 | 0,00-2,00 mts   |
| Guayacan amarillo               | 4.808316875636944,-75.67947383970022  | La Pradera | arbol         | 6,7         | 5,01-10,00 mts  |
| Guayacan amarillo               | 4.808299503146,-75.67944634705783     | La Pradera | arbol         | 2,8         | 2,01-5,00 mts   |
| Gualanday                       | 4.808301173577848,-75.67942388355732  | La Pradera | arbol         | 7,5         | 5,01-10,00 mts  |
| Guayacan amarillo               | 4.808303512182404,-75.67944332957288  | La Pradera | arbol         | 0,26 - 2,60 | 0,00-2,00 mts   |
| Gualanday                       | 4.808320216500526,-75.67930069122076  | La Pradera | arbol         | 6           | 5,01-10,00 mts  |
| Urapan                          | 4.808363313693978,-75.67896153777838  | La Pradera | arbol         | 13          | 10,01-15,00 mts |
| Leucaena                        | 4.80798512780035,-75.67929480224848   | La Pradera | arbol         | 6,5         | 5,01-10,00 mts  |
| Tulipan afriano                 | 4.807939357945104,-75.67920126020908  | La Pradera | arbol         | 10,8        | 10,01-15,00 mts |
| Guamo machete                   | 4.807995818569018,-75.67913554608822  | La Pradera | arbol         | 5,7         | 5,01-10,00 mts  |
| Guayacan amarillo               | 4.808061299623403,-75.6790118291974   | La Pradera | arbol         | 2,2         | 2,01-5,00 mts   |
| Leucaena                        | 4.808270103544026,-75.6789803696969   | La Pradera | arbol         | 9,8         | 5,01-10,00 mts  |
| Guayacan de marizales           | 4.808314537032414,-75.678922598102379 | La Pradera | arbol         | 6           | 5,01-10,00 mts  |
| Guayacan amarillo               | 4.808370663538785,-75.67894745618105  | La Pradera | arbol         | 4,2         | 2,01-5,00 mts   |
| Guayacan rosado                 | 4.807918310492381,-75.679104039013228 | La Pradera | arbol         | 7,3         | 5,01-10,00 mts  |
| Guayaba agria - GUAYABA PERUANA | 4.8079099583284335,-75.6791291758418  | La Pradera | arbol         | 0,62 - 6,20 | 0,00-2,00 mts   |
| Tulipan afriano                 | 4.80794570586845,-75.67911576479673   | La Pradera | arbol         | 6,8         | 5,01-10,00 mts  |
| Aguacate                        | 4.80801419332727,-75.67906714975834   | La Pradera | arbol         | 5,6         | 5,01-10,00 mts  |
| Azueno                          | 4.80799448222962,-75.67900283074398   | La Pradera | arbol         | 6,6         | 5,01-10,00 mts  |
| Jazmin de noche                 | 4.807982121021635,-75.67909933629662  | La Pradera | Arbusto       | 0,57 - 2,50 | 0,00-2,00 mts   |
| Urapan                          | 4.808022545489931,-75.6790678203106   | La Pradera | arbol         | 0,67 - 2,40 | 0,00-2,00 mts   |
| Palma yuca                      | 4.80815384147367,-75.67808340372962   | La Pradera | Arbusto       | 9,7         | 5,01-10,00 mts  |
| Guayacan amarillo               | 4.808086600095859,-75.67893035709858  | La Pradera | arbol         | 8,2         | 5,01-10,00 mts  |
| Benjamin careado                | 4.808178229783373,-75.67882080617236  | La Pradera | arbol         | 4,5         | 2,01-5,00 mts   |
| Benjamin careado                | 4.808233688128198,-75.67882440984249  | La Pradera | arbol         | 5,6         | 5,01-10,00 mts  |
| Guayacan amarillo               | 4.808065760421930,-75.67878685891626  | La Pradera | arbol         | 6,5         | 5,01-10,00 mts  |
| Palma quency                    | 4.808350952444803,-75.67877244204283  | La Pradera | Palma         | 12          | 10,01-15,00 mts |
| Palma quency                    | 4.808368659202796,-75.67875098437071  | La Pradera | Palma         | 10,5        | 10,01-15,00 mts |
| Palma quency                    | 4.808444162528148,-75.6787808345318   | La Pradera | Palma         | 12,6        | 10,01-15,00 mts |
| Palma quency                    | 4.8084160992785985,-75.67876104265451 | La Pradera | Palma         | 12          | 10,01-15,00 mts |
| Palma quency                    | 4.808431901330537,-75.67871309816837  | La Pradera | Palma         | 12,5        | 10,01-15,00 mts |
| Palma quency                    | 4.808396388189595,-75.678697976546654 | La Pradera | Palma         | 0,13-13     | 0,00-2,00 mts   |
| Palma quency                    | 4.808391378891128,-75.67864388987589  | La Pradera | Palma         | 1,34-13,4   | 0,00-2,00 mts   |
| Palma quency                    | 4.808417769710153,-75.67848477512508  | La Pradera | Palma         | 12          | 10,01-15,00 mts |
| Palma areca                     | 4.808391378891128,-75.67850422114134  | La Pradera | Palma         | 5,1         | 5,01-10,00 mts  |
| Palma quency                    | 4.808397724531237,-75.678487457335    | La Pradera | Palma         | 11,8        | 10,01-15,00 mts |
| Palma quency                    | 4.808386369506259,-75.67846818617105  | La Pradera | Palma         | 13          | 10,01-15,00 mts |
| Palma quency                    | 4.808388370114207,-75.67846264690181  | La Pradera | Palma         | 1,05-10,5   | 0,00-2,00 mts   |
| Palma quency                    | 4.808313200688971,-75.67842140793799  | La Pradera | Palma         | 0,11-11     | 0,00-2,00 mts   |
| Palma quency                    | 4.80827478075428,-75.67758589020886   | La Pradera | Palma         | 8,2         | 5,01-10,00 mts  |
| Palma quency                    | 4.8082326858688095,-75.67763868180115 | La Pradera | Palma         | 8,9         | 5,01-10,00 mts  |
| Palma quency                    | 4.808216315635126,-75.67763868180115  | La Pradera | Palma         | 10,5        | 10,01-15,00 mts |
| Benjamin                        | 4.807803050620685,-75.6776150688829   | La Pradera | arbol         | 16          | 15,01-28,00 mts |
| Guadua                          | 4.808385816419855,-75.67753829061986  | La Pradera | Herbacea ftzo | 0           | 0,00-2,00 mts   |
| Benjamin                        | 4.807898599382889,-75.67735020071268  | La Pradera | arbol         | 14          | 10,01-15,00 mts |
| Caucho                          | 4.807804052880524,-75.67736025809649  | La Pradera | arbol         | 15          | 10,01-15,00 mts |
| Nogal cafetero                  | 4.807816748171660,-75.67740552127363  | La Pradera | arbol         | 20          | 15,01-28,00 mts |
| Nogal cafetero                  | 4.807820423124328,-75.67736696451902  | La Pradera | arbol         | 15-18       | 10,01-15,00 mts |
| Nogal cafetero                  | 4.807880244961364,-75.67735623988295  | La Pradera | arbol         | 0,11 - 11,0 | 0,00-2,00 mts   |
| Yarumo negro                    | 4.807788350809544,-75.67730359733105  | La Pradera | arbol         | 14          | 10,01-15,00 mts |
| Mandarino                       | 4.807724540262071,-75.6768861785531   | La Pradera | arbol         | 5           | 2,01-5,00 mts   |
| Palma robelini                  | 4.807635339120198,-75.67703202366829  | La Pradera | Palma         | 4,3         | 2,01-5,00 mts   |
| Saman                           | 4.807643023114158,-75.67702800035477  | La Pradera | arbol         | 0,36 - 3,60 | 0,00-2,00 mts   |
| Palma robelini                  | 4.807724874348719,-75.67714434117079  | La Pradera | Palma         | 4,9         | 2,01-5,00 mts   |
| Acacia amarilla                 | 4.807794030282059,-75.67719630807045  | La Pradera | arbol         | 12,8        | 10,01-15,00 mts |
| Palma areca                     | 4.807894924433051,-75.67780416458845  | La Pradera | Palma         | 8,5         | 5,01-10,00 mts  |
| Palma funebre                   | 4.807864404862092,-75.67786484956741  | La Pradera | Palma         | 2,6         | 2,01-5,00 mts   |
| Azueno                          | 4.806808139957501,-75.67858502268793  | La Pradera | arbol         | 7,8         | 5,01-10,00 mts  |
| Palma areca                     | 4.806870986880832,-75.678599352622    | La Pradera | Palma         | 10          | 5,01-10,00 mts  |
| Palma areca                     | 4.80685540185984,-75.67852601408958   | La Pradera | Palma         | 6,5         | 5,01-10,00 mts  |
| Palma quency                    | 4.805948194884366,-75.677612721920001 | La Pradera | Palma         | 12          | 10,01-15,00 mts |
| Palma areca                     | 4.805985617011446,-75.67755630553071  | La Pradera | Palma         | 8           | 5,01-10,00 mts  |
| Palma areca                     | 4.8074859971443514,-75.67772369831802 | La Pradera | Palma         | 8           | 5,01-10,00 mts  |
| Acacia amarilla                 | 4.806104886241289,-75.67743489020665  | La Pradera | arbol         | 5,5         | 5,01-10,00 mts  |
| Acacia amarilla                 | 4.806185067224378,-75.67732404917479  | La Pradera | arbol         | 8           | 5,01-10,00 mts  |
| Guayacan rosado                 | 4.807647366241139,-75.67702431231737  | La Pradera | arbol         | 9,6         | 5,01-10,00 mts  |
| Guanabano                       | 4.807630661906441,-75.67704409360886  | La Pradera | arbol         | 7,7         | 5,01-10,00 mts  |
| Palma areca                     | 4.807580235154629,-75.6770571693778   | La Pradera | Palma         | 6,2         | 5,01-10,00 mts  |
| Tulipan afriano                 | 4.807588232894472,-75.67697267979383  | La Pradera | arbol         | 7           | 5,01-10,00 mts  |
| Nogal cafetero                  | 4.807607275837187,-75.67694216966629  | La Pradera | arbol         | 7,9         | 5,01-10,00 mts  |
| Zapote                          | 4.807615203918164,-75.67702297121286  | La Pradera | arbol         | 6,3         | 5,01-10,00 mts  |
| Guamo machete                   | 4.8076250821963,-75.67701324820518    | La Pradera | arbol         | 7,2         | 5,01-10,00 mts  |
| Aguacate                        | 4.807631330079837,-75.67701336848131  | La Pradera | arbol         | 0,45 - 4,50 | 0,00-2,00 mts   |
| Aguacate                        | 4.807577208032657,-75.67704275250435  | La Pradera | arbol         | 9,3         | 5,01-10,00 mts  |
| Araucaria                       | 4.807589569241352,-75.67698575556278  | La Pradera | arbol         | 6,4         | 5,01-10,00 mts  |
| Guayabo dulce                   | 4.8076770995587,-75.67690600985327    | La Pradera | arbol         | 11,4        | 10,01-15,00 mts |
| Saman                           | 4.807572864905228,-75.676912330091    | La Pradera | arbol         | 10          | 5,01-10,00 mts  |
| Aguacate                        | 4.80755901436045,-75.6769287862122    | La Pradera | arbol         | 2,7         | 2,01-5,00 mts   |
| Nogal cafetero                  | 4.807520747373623,-75.67688819020987  | La Pradera | arbol         | 12,7        | 10,01-15,00 mts |
| arbol dulo                      | 4.807563510476825,-75.67688249051571  | La Pradera | arbol         | 2,7         | 2,01-5,00 mts   |

| NOM. COM          | COORDENADA                            | BARRIO     | HAB. CRECII | H. mts. 1   | Rango. altu     |
|-------------------|---------------------------------------|------------|-------------|-------------|-----------------|
| Nopal cafetero    | 4.827529420067925,-75.67681074142456  | La Pradera | arbol       | 15          | 10,01-15,00 mts |
| Guamo santafereño | 4.827559167349322,-75.67668870091438  | La Pradera | arbol       | 16          | 15,01-20,00 mts |
| Acacia amarilla   | 4.827436881593959,-75.67673698067665  | La Pradera | arbol       | 15          | 10,01-15,00 mts |
| Guamo santafereño | 4.827467961965034,-75.67664310336113  | La Pradera | arbol       | 0,17 - 17,0 | 0,00-2,00 mts   |
| Palma quency      | 4.827328313377431,-75.67653279751539  | La Pradera | Palma       | 0,62 - 6,20 | 0,00-2,00 mts   |
| Palma areca       | 4.82515340451891,-75.67635510116816   | La Pradera | Palma       | 5,4         | 5,01-10,00 mts  |
| Palma areca       | 4.826879968680832,-75.6745721027255   | La Pradera | Palma       | 4,5         | 2,01-5,00 mts   |
| Tulipan afroano   | 4.826793774211914,-75.67459590733051  | La Pradera | arbol       | 10,8        | 10,01-15,00 mts |
| Tulipan afroano   | 4.826791439602141,-75.67459874996424  | La Pradera | arbol       | 11          | 10,01-15,00 mts |
| Palma quency      | 4.82669419363007,-75.67460596561432   | La Pradera | Palma       | 7,8         | 5,01-10,00 mts  |
| Tulipan afroano   | 4.826680204938409,-75.67459926009178  | La Pradera | arbol       | 10,2        | 10,01-15,00 mts |
| Palma quency      | 4.826636753252023,-75.6746193766594   | La Pradera | Palma       | 2,8         | 2,01-5,00 mts   |
| Mango             | 4.826602008183648,-75.674593389567375 | La Pradera | La Pradera  | 2,4         | 2,01-5,00 mts   |
| Tulipan afroano   | 4.826595600526733,-75.67455399781486  | La Pradera | arbol       | 11          | 10,01-15,00 mts |
| Aguaicate         | 4.826597330962767,-75.6746093183756   | La Pradera | arbol       | 0,65-5      | 0,00-2,00 mts   |
| Tulipan afroano   | 4.826544837026058,-75.67462004721185  | La Pradera | arbol       | 10,2        | 10,01-15,00 mts |
| Pino libro        | 4.826481367450582,-75.6745895370841   | La Pradera | arbol       | 6,8         | 5,01-10,00 mts  |
| Palma areca       | 4.826343758725452,-75.67457646131516  | La Pradera | Palma       | 5,2         | 5,01-10,00 mts  |
| Tulipan afroano   | 4.826303329649137,-75.67457143217325  | La Pradera | arbol       | 2,2         | 2,01-5,00 mts   |
| Palma areca       | 4.82598289711503,-75.67457914352417   | La Pradera | Palma       | 2,8         | 2,01-5,00 mts   |
| Pino azul         | 4.82598460410004,-75.67455902695656   | La Pradera | arbol       | 2,4         | 2,01-5,00 mts   |
| Araucaria         | 4.824911190735444,-75.6745583564043   | La Pradera | arbol       | 2,2         | 2,01-5,00 mts   |
| Palma areca       | 4.824880335862745,-75.67465122789145  | La Pradera | Palma       | 10,4        | 10,01-15,00 mts |
| Aguaicate         | 4.8245944752026455,-75.67454997450113 | La Pradera | arbol       | 2,6         | 2,01-5,00 mts   |
| Tulipan afroano   | 4.8245821139394086,-75.67451611161232 | La Pradera | arbol       | 2,6         | 2,01-5,00 mts   |
| Palma areca       | 4.824481553384126,-75.67452248185873  | La Pradera | Palma       | 7,4         | 5,01-10,00 mts  |
| Palma yuca        | 4.824864084320616,-75.67329268900254  | La Pradera | Arbusto     | 7           | 5,01-10,00 mts  |
| Palma yuca        | 4.826043414147857,-75.67224002781544  | La Pradera | La Pradera  | 7           | 5,01-10,00 mts  |
| Palma yuca        | 4.8247865758862805,-75.67337784916162 | La Pradera | Arbusto     | 5,5         | 5,01-10,00 mts  |
| Palma yuca        | 4.82477788959662,-75.67364908754826   | La Pradera | Arbusto     | 4,5         | 2,01-5,00 mts   |
| Palma manila      | 4.82698253402841,-75.67324742674829   | La Pradera | Palma       | 5,3         | 5,01-10,00 mts  |
| Palma manila      | 4.827052691672798,-75.67340735346079  | La Pradera | Palma       | 4           | 2,01-5,00 mts   |
| Palma manila      | 4.827082425418597,-75.67350827157497  | La Pradera | Palma       | 0,52-5,2    | 0,00-2,00 mts   |
| Palma cubana      | 4.827775655517852,-75.67030001431704  | La Pradera | Palma       | 6,8         | 5,01-10,00 mts  |
| arbol pulpo       | 4.8277856781186572,-75.67032750695942 | La Pradera | arbol       | 7           | 5,01-10,00 mts  |
| Carbonero         | 4.827374751447547,-75.6714707985205   | La Pradera | arbol       | 15          | 10,01-15,00 mts |
| Cedro de montana  | 4.8272541468093372,-75.67172728478909 | La Pradera | arbol       | 21          | 15,01-20,00 mts |
| Palma yuca        | 4.8229 - 756738                       | La Pradera | arbol       | 4,2         | 0,00-5,00 mts   |
| Higuero rojo      | 4.8282 - 756790                       | La Pradera | arbol       | 2,6         | 0,00-5,00 mts   |
| Siete Cueros      | 4.8245 - 75.6762                      | La Pradera | arbol       | 3,9         | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8246 - 75.6763                      | La Pradera | arbol       | 4,1         | 0,00-5,00 mts   |
| Siete Cueros      | 4.8246 - 75.6763                      | La Pradera | arbol       | 2,9         | 0,00-5,00 mts   |
| Draena            | 4.8247 - 756764                       | La Pradera | arbol       | 2,2         | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8247 - 756765                       | La Pradera | arbol       | 1,6         | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8247 - 756766                       | La Pradera | arbol       | 4,3         | 0,00-5,00 mts   |
| Croto             | 4.8247 - 75.6764                      | La Pradera | arbol       | 1,5         | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8247 - 75.6764                      | La Pradera | arbol       | 3,1         | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8248 - 75.6765                      | La Pradera | arbol       | 3,7         | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8248 - 75.6764                      | La Pradera | arbol       | 2,6         | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8248 - 75.6765                      | La Pradera | arbol       | 2,4         | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8248 - 75.6765                      | La Pradera | arbol       | 2,5         | 0,00-5,00 mts   |
| Palma Areca       | 4.8269 - 75.6786                      | La Pradera | Palma       | 1,6         | 0,00-5,00 mts   |
| Palma Areca       | 4.8269 - 75.6786                      | La Pradera | Palma       | 1,6         | 0,00-5,00 mts   |
| Palma Areca       | 4.8269 - 75.6786                      | La Pradera | Palma       | 1,7         | 0,00-5,00 mts   |
| Palma Areca       | 4.8269 - 75.6786                      | La Pradera | Palma       | 1,6         | 0,00-5,00 mts   |
| Palma robelini    | 4.8264 - 75.6789                      | La Pradera | Palma       | 1,9         | 0,00-5,00 mts   |
| Palma robelini    | 4.8264 - 75.6789                      | La Pradera | Palma       | 1,9         | 0,00-5,00 mts   |
| Palma robelini    | 4.8264 - 75.6789                      | La Pradera | Palma       | 2,2         | 0,00-5,00 mts   |
| Palma Areca       | 4.8262 - 75.6780                      | La Pradera | Palma       | 2,3         | 0,00-5,00 mts   |
| Palma Areca       | 4.8262 - 75.6780                      | La Pradera | Palma       | 2,3         | 0,00-5,00 mts   |
| Palma Areca       | 4.8261 - 75.6778                      | La Pradera | Palma       | 2,5         | 0,00-5,00 mts   |
| Palma quency      | 4.8260 - 75.6778                      | La Pradera | Palma       | 2,3         | 0,00-5,00 mts   |
| Palma quency      | 4.8260 - 75.6778                      | La Pradera | Palma       | 2,2         | 0,00-5,00 mts   |
| Palma Areca       | 4.8277 - 75.6773                      | La Pradera | Palma       | 4           | 0,00-5,00 mts   |
| Palma Areca       | 4.8277 - 75.6779                      | La Pradera | Palma       | 4,4         | 0,00-5,00 mts   |
| Palma manila      | 4.8280 - 75.6802                      | La Pradera | Palma       | 1,8         | 0,00-5,00 mts   |
| Palma manila      | 4.8280 - 75.6802                      | La Pradera | Palma       | 1,9         | 0,00-5,00 mts   |
| Palma quency      | 4.8280 - 75.6802                      | La Pradera | Palma       | 2           | 0,00-5,00 mts   |
| Palma quency      | 4.8280 - 75.6801                      | La Pradera | Palma       | 2,05        | 0,00-5,00 mts   |
| Palma manila      | 4.8276 - 75.6797                      | La Pradera | Palma       | 4,3         | 0,00-5,00 mts   |
| Palma zancana     | 4.8225N - 75.6745W                    | La Pradera | Palma       | 1,6         | 0,00-5,00 mts   |
| Palma zancana     | 4.8225N - 75.6744W                    | La Pradera | Palma       | 1,9         | 0,00-5,00 mts   |
| Palma zancana     | 4.8224N - 75.6744W                    | La Pradera | Palma       | 2,3         | 0,00-5,00 mts   |
| Palma zancana     | 4.8224N - 75.6744W                    | La Pradera | Palma       | 2,6         | 0,00-5,00 mts   |
| Palma zancana     | 4.8223N - 75.6744W                    | La Pradera | Palma       | 3,1         | 0,00-5,00 mts   |
| Palma zancana     | 4.8223N - 75.6744W                    | La Pradera | Palma       | 2,9         | 0,00-5,00 mts   |
| Palma zancana     | 4.8223N - 75.6744W                    | La Pradera | Palma       | 3,5         | 0,00-5,00 mts   |
| Palma zancana     | 4.8222N - 75.6744W                    | La Pradera | Palma       | 3,8         | 0,00-5,00 mts   |
| Palma zancana     | 4.8221N - 75.6743W                    | La Pradera | Palma       | 4,2         | 0,00-5,00 mts   |
| Palma zancana     | 4.8221N - 75.6743W                    | La Pradera | Palma       | 4           | 0,00-5,00 mts   |
| Palma zancana     | 4.8220N - 75.6744W                    | La Pradera | Palma       | 3,3         | 0,00-5,00 mts   |
| Palma zancana     | 4.8220N - 75.6744W                    | La Pradera | Palma       | 2,8         | 0,00-5,00 mts   |
| Palma Manila      | 4.8218N - 75.6744W                    | La Pradera | Palma       | 1,4         | 0,00-5,00 mts   |
| Palma Manila      | 4.8217N - 75.6744W                    | La Pradera | Palma       | 1,6         | 0,00-5,00 mts   |
| Palma Manila      | 4.8216N - 75.6744W                    | La Pradera | Palma       | 1,9         | 0,00-5,00 mts   |
| Palma Manila      | 4.8215N - 75.6744W                    | La Pradera | Palma       | 2           | 0,00-5,00 mts   |
| Palma Manila      | 4.8214N - 75.6743W                    | La Pradera | Palma       | 2,2         | 0,00-5,00 mts   |
| Palma Manila      | 4.8214N - 75.6743W                    | La Pradera | Palma       | 1,8         | 0,00-5,00 mts   |
| Palma Manila      | 4.8213N - 75.6743W                    | La Pradera | Palma       | 1,5         | 0,00-5,00 mts   |
| Palma Manila      | 4.8213N - 75.6743W                    | La Pradera | Palma       | 1,7         | 0,00-5,00 mts   |
| Palma Manila      | 4.8213N - 75.6743W                    | La Pradera | Palma       | 2,1         | 0,00-5,00 mts   |
| Palma Manila      | 4.8212N - 75.6744W                    | La Pradera | Palma       | 1,4         | 0,00-5,00 mts   |
| Palma Manila      | 4.8211N - 75.6745W                    | La Pradera | Palma       | 2           | 0,00-5,00 mts   |
| Palma Manila      | 4.8211N - 75.6745W                    | La Pradera | Palma       | 1,8         | 0,00-5,00 mts   |
| Palma areca       | 4.8276 - 75.6774                      | La Pradera | Palma       | 2,9         | 0,00-5,00 mts   |
| Palma areca       | 4.8276 - 75.6773                      | La Pradera | Palma       | 2,5         | 0,00-5,00 mts   |
| Palma areca       | 4.8267 - 75.6986                      | La Pradera | Palma       | 2,7         | 0,00-5,00 mts   |
| Palma areca       | 4.8256 - 75.6774                      | La Pradera | Palma       | 1,2         | 0,00-5,00 mts   |
| Palma quency      | 4.8256 - 75.6774                      | La Pradera | Palma       | 2,7         | 0,00-5,00 mts   |
| Palma areca       | 4.8253 - 75.6771                      | La Pradera | Palma       | 1,6         | 0,00-5,00 mts   |
| Palma areca       | 4.8253 - 75.6771                      | La Pradera | Palma       | 1,7         | 0,00-5,00 mts   |
| Palma areca       | 4.8253 - 75.6771                      | La Pradera | Palma       | 1,5         | 0,00-5,00 mts   |
| Palma areca       | 4.8252 - 75.6763                      | La Pradera | Palma       | 1,8         | 0,00-5,00 mts   |
| Palma Robelini    | 4.8236 - 75.6754                      | La Pradera | Palma       | 2,6         | 0,00-5,00 mts   |
| Palma Robelini    | 4.8236 - 75.6754                      | La Pradera | Palma       | 2,4         | 0,00-5,00 mts   |
| Palma Robelini    | 4.8240 - 75.6757                      | La Pradera | Palma       | 2,2         | 0,00-5,00 mts   |
| Palma quency      | 4.8237 - 75.6755                      | La Pradera | Palma       | 4,3         | 0,00-5,00 mts   |
| Palma quency      | 4.82831667 - 75.67985534              | La Pradera | Palma       | 10          | 5,00 - 15,00    |
| Callateno         | 4.82832729 - 75.67986068              | La Pradera | arbol       | 6           | 5,00 - 15,00    |
| Tulipan afroano   | 4.82821214 - 75.67988014              | La Pradera | arbol       | 10          | 5,00 - 15,00    |
| Tulipan afroano   | 4.82821703 - 75.67985385              | La Pradera | arbol       | 6           | 5,00 - 15,00    |
| Callateno         | 4.82818841 - 75.67976502              | La Pradera | arbol       | 6           | 5,00 - 15,00    |
| Guamo santafereño | 4.82821562 - 75.67960792              | La Pradera | arbol       | 6           | 5,00 - 15,00    |

| NOM_COM           | COORDENADA              | BARRIO     | HAB_CRECII | H_mts_1    | Ranoc_mtu       |
|-------------------|-------------------------|------------|------------|------------|-----------------|
| Anauaria          | 4.82812394-75.67972004  | La Pradera | arbol      | 20         | 15.01-20.00 mts |
| Higuerilla        | 4.82819193-75.67957906  | La Pradera | arbol      | 6          | 5.00-15.00      |
| Tulipan afroano   | 4.82821866-75.67956925  | La Pradera | arbol      | 6          | 5.00-15.00      |
| Palma yuca        | 4.82828504-75.67953409  | La Pradera | arbol      | 5          | 00.00-5.00      |
| Palma robelini    | 4.82813161-75.67948643  | La Pradera | Palma      | 3          | 0.00-5.00 mts   |
| Mango             | 4.82811401-75.67938536  | La Pradera | arbol      | 4          | 00.00-5.00      |
| Casco de vaca     | 4.82814411-75.6793807   | La Pradera | arbol      | 6          | 5.00-15.00      |
| Eugenia           | 4.82831001-75.679229186 | La Pradera | arbol      | 4          | 00.00-5.00      |
| Eugenia           | 4.82829192-75.67920731  | La Pradera | arbol      | 4          | 00.00-5.00      |
| Palma areca       | 4.8291138-75.67520201   | La Pradera | Palma      | 3          | 0.00-5.00 mts   |
| Palma zanonca     | 4.8245438-75.682067     | La Pradera | Palma      | 7          | 5.00-15.00      |
| Palma zanonca     | 4.8233516-75.67552671   | La Pradera | Palma      | 7          | 5.00-15.00      |
| Palma manila      | 4.82348916-75.67528972  | La Pradera | Palma      | 3          | 00.00-5.00      |
| Siete cueros      | 4.8258N-75.6722W        | La Pradera | arbol      | 2,4        | 0.00-5.00 mts   |
| Guamo santafereño | 4.8243N-75.6729W        | La Pradera | arbol      | 2,2        | 0.00-5.00 mts   |
| urapan            | 4.8266N-75.6710W        | La Pradera | arbol      | 4,9        | 0.00-5.00 mts   |
| Higuerón          | 4.8261N-75.6715W        | La Pradera | arbol      | 9          | 5.01-10.00 mts  |
| Eucalipto         | 4.8241N-75.6721W        | La Pradera | arbol      | 10,5       | 5.01-10.00 mts  |
| Quebrabarrigo     | 4.8246N-75.6717W        | La Pradera | arbol      | 2,5        | 0.00-5.00 mts   |
| Quebrabarrigo     | 4.8233N-75.6722W        | La Pradera | arbol      | 2,6        | 0.00-5.00 mts   |
| Francesina        | 4.8242N-75.6725W        | La Pradera | Arbusto    | 1,2 - 2,40 | 0.00-5.00 mts   |
| Francesina        | 4.8239N-75.6726W        | La Pradera | Arbusto    | 1,6        | 0.00-5.00 mts   |
| Francesina        | 4.8239N-75.6726W        | La Pradera | Arbusto    | 1,8        | 0.00-5.00 mts   |
| Francesina        | 4.8239N-75.6726W        | La Pradera | Arbusto    | 1,1 - 2,30 | 0.00-5.00 mts   |
| Francesina        | 4.8240N-75.6727W        | La Pradera | Arbusto    | 1,7        | 0.00-5.00 mts   |
| Francesina        | 4.8241N-75.6726W        | La Pradera | Arbusto    | 1,8        | 0.00-5.00 mts   |
| Gualanday         | 4.8239N-75.6726W        | La Pradera | arbol      | 1,1 - 2,60 | 0.00-5.00 mts   |
| Tulipan afroano   | 4.8262N-75.6722W        | La Pradera | arbol      | 3,4        | 0.00-5.00 mts   |
| Guayacan amarillo | 4.8261N-75.6716W        | La Pradera | arbol      | 2,7        | 0.00-5.00 mts   |
| Saman             | 4.8264N-75.6718W        | La Pradera | arbol      | 2,8        | 0.00-5.00 mts   |
| Casco de vaca     | 4.8263N-75.6719W        | La Pradera | arbol      | 3,2        | 0.00-5.00 mts   |
| Guayacan amarillo | 4.8263N-75.6719W        | La Pradera | arbol      | 2,5        | 0.00-5.00 mts   |
| Guayacan rosado   | 4.8263N-75.6717W        | La Pradera | arbol      | 1,7        | 0.00-5.00 mts   |
| Guayacan amarillo | 4.8263N-75.6718W        | La Pradera | arbol      | 1,9        | 0.00-5.00 mts   |
| Tulipan afroano   | 4.8262N-75.6717W        | La Pradera | arbol      | 1,7        | 0.00-5.00 mts   |
| Tulipan afroano   | 4.8262N-75.6717W        | La Pradera | arbol      | 4,2        | 0.00-5.00 mts   |
| Guayacan amarillo | 4.8261N-75.6716W        | La Pradera | arbol      | 2,6        | 0.00-5.00 mts   |
| Casco de vaca     | 4.8261N-75.6717W        | La Pradera | arbol      | 2,1 - 3,50 | 0.00-5.00 mts   |
| Guayabo dulce     | 4.8264N-75.6717W        | La Pradera | arbol      | 1,9        | 0.00-5.00 mts   |
| Saman             | 4.8262N-75.6719W        | La Pradera | arbol      | 1,6        | 0.00-5.00 mts   |
| Guayacan amarillo | 4.8259N-75.6741W        | La Pradera | arbol      | 1,7 - 3,10 | 0.00-5.00 mts   |
| Pino libro        | 4.8252N-75.6721W        | La Pradera | arbol      | 2          | 0.00-5.00 mts   |
| Pino libro        | 4.8252N-75.6721W        | La Pradera | arbol      | 2,8        | 0.00-5.00 mts   |
| Limón mandarino   | 4.8250N-75.6729W        | La Pradera | arbol      | 2,1        | 0.00-5.00 mts   |
| Guayacan rosado   | 4.8250N-75.6719W        | La Pradera | arbol      | 3,2        | 0.00-5.00 mts   |
| Saman             | 4.8247N-75.6720W        | La Pradera | arbol      | 2,7        | 0.00-5.00 mts   |
| Guayacan amarillo | 4.8255N-75.6716W        | La Pradera | arbol      | 2,6        | 0.00-5.00 mts   |
| Tulipan afroano   | 4.8256N-75.6717W        | La Pradera | arbol      | 2,9        | 0.00-5.00 mts   |
| Tulipan afroano   | 4.8255N-75.6717W        | La Pradera | arbol      | 2,2        | 0.00-5.00 mts   |
| Tulipan afroano   | 4.8255N-75.6718W        | La Pradera | arbol      | 3,4        | 0.00-5.00 mts   |
| Casco de vaca     | 4.8250N-75.6734W        | La Pradera | arbol      | 3          | 0.00-5.00 mts   |
| Anauaria          | 4.8250N-75.6729W        | La Pradera | arbol      | 5,1        | 5.01-15.00 mts  |
| Pino libro        | 4.8253N-75.6722W        | La Pradera | arbol      | 2,8        | 0.00-5.00 mts   |
| Anauaria          | 4.8253N-75.6722W        | La Pradera | arbol      | 5,6        | 5.01-15.00 mts  |
| Pino libro        | 4.8250N-75.6731W        | La Pradera | arbol      | 2,9        | 0.00-5.00 mts   |
| Anauaria          | 4.8253N-75.6722W        | La Pradera | arbol      | 4,7        | 0.00-5.00 mts   |
| Palma areca       | 4.8253N-75.6722W        | La Pradera | Palma      | 3,2        | 0.00-5.00 mts   |
| Pino libro        | 4.8253N-75.6720W        | La Pradera | arbol      | 2,8        | 0.00-5.00 mts   |
| Casco de vaca     | 4.8260N-75.6720W        | La Pradera | arbol      | 3          | 0.00-5.00 mts   |
| Saman             | 4.8257N-75.6716W        | La Pradera | arbol      | 3,4        | 0.00-5.00 mts   |
| Saman             | 4.8257N-75.6716W        | La Pradera | arbol      | 3,6        | 0.00-5.00 mts   |
| Tulipan afroano   | 4.8257N-75.6716W        | La Pradera | arbol      | 3,2        | 0.00-5.00 mts   |
| Anauaria          | 4.8256N-75.6715W        | La Pradera | arbol      | 2,8        | 0.00-5.00 mts   |
| Palma quency      | 4.8278N-75.6715W        | La Pradera | Palma      | 5,2        | 5.01-15.00 mts  |
| Palma quency      | 4.8278N-75.6715W        | La Pradera | Palma      | 8,1        | 5.01-15.00 mts  |
| Palma quency      | 4.8278N-75.6715W        | La Pradera | Palma      | 8          | 5.01-15.00 mts  |
| Palma quency      | 4.8278N-75.6716W        | La Pradera | Palma      | 8,3        | 5.01-15.00 mts  |
| Palma quency      | 4.8278N-75.6716W        | La Pradera | Palma      | 6,3        | 5.01-15.00 mts  |
| Palma quency      | 4.8277N-75.6717W        | La Pradera | Palma      | 7,4        | 5.01-15.00 mts  |
| Palma quency      | 4.8278N-75.6717W        | La Pradera | Palma      | 8,2        | 5.01-15.00 mts  |
| Palma areca       | 4.8277N-75.6718W        | La Pradera | Palma      | 5,3        | 5.01-15.00 mts  |
| Benjamin          | 4.8277N-75.6718W        | La Pradera | arbol      | 13         | 5.01-15.00 mts  |
| Siete cueros      | 4.8279N-75.6719W        | La Pradera | Arbusto    | 2,4        | 0.00-5.00 mts   |
| Tulipan           | 4.8277N-75.6720W        | La Pradera | arbol      | 6,1        | 5.01-15.00 mts  |
| Gualanday         | 4.8277N-75.6720W        | La Pradera | arbol      | 5,3        | 5.01-15.00 mts  |
| Siete cueros      | 4.8277N-75.6720W        | La Pradera | Arbusto    | 2          | 0.00-5.00 mts   |
| Siete cueros      | 4.8277N-75.6720W        | La Pradera | Arbusto    | 2,1        | 0.00-5.00 mts   |
| Palma de coco     | 4.8278N-75.6720W        | La Pradera | Palma      | 4,1        | 0.00-5.00 mts   |
| Siete cueros      | 4.8278N-75.6720W        | La Pradera | Arbusto    | 1,9        | 0.00-5.00 mts   |
| Palma de coco     | 4.8278N-75.6720W        | La Pradera | Palma      | 2,3        | 0.00-5.00 mts   |
| Palma de coco     | 4.8278N-75.6721W        | La Pradera | Palma      | 5,5        | 5.01-15.00 mts  |
| Palma de coco     | 4.8278N-75.6722W        | La Pradera | Palma      | 8,4        | 5.01-15.00 mts  |
| Tulipan           | 4.8279N-75.6721W        | La Pradera | arbol      | 2,2        | 0.00-5.00 mts   |
| Siete cueros      | 4.8278N-75.6720W        | La Pradera | Arbusto    | 2          | 0.00-5.00 mts   |
| Jazmin            | 4.8277N-75.6721W        | La Pradera | Arbusto    | 2,2        | 0.00-5.00 mts   |
| Guayabo dulce     | 4.8277N-75.6722W        | La Pradera | arbol      | 4,3        | 0.00-5.00 mts   |
| Palma areca       | 4.8279N-75.6722W        | La Pradera | Palma      | 1,6        | 0.00-5.00 mts   |
| Palma de coco     | 4.8279N-75.6723W        | La Pradera | Palma      | 6,2        | 5.01-15.00 mts  |
| Palma de coco     | 4.8279N-75.6724W        | La Pradera | Palma      | 2,8        | 0.00-5.00 mts   |
| Palma de coco     | 4.8280N-75.6723W        | La Pradera | Palma      | 2,6        | 0.00-5.00 mts   |
| arbol pulpo       | 4.8280N-75.6724W        | La Pradera | arbol      | 4,1        | 0.00-5.00 mts   |
| Dracena           | 4.8281N-75.6724W        | La Pradera | Arbusto    | 2,2        | 0.00-5.00 mts   |
| Casco de vaca     | 4.8277N-75.6723W        | La Pradera | arbol      | 3          | 0.00-5.00 mts   |
| Casco de vaca     | 4.8277N-75.6723W        | La Pradera | arbol      | 1,8        | 0.00-5.00 mts   |
| Palma manila      | 4.8276N-75.6723W        | La Pradera | Palma      | 1,9        | 0.00-5.00 mts   |
| Almendro          | 4.8277N-75.6725W        | La Pradera | arbol      | 1,1        | 0.00-5.00 mts   |
| Almendro          | 4.8278N-75.6724W        | La Pradera | arbol      | 1,5        | 0.00-5.00 mts   |
| Guayacan amarillo | 4.8278N-75.6724W        | La Pradera | arbol      | 1,3        | 0.00-5.00 mts   |
| Saman             | 4.8279N-75.6724W        | La Pradera | arbol      | 1,4        | 0.00-5.00 mts   |
| Gualanday         | 4.8279N-75.6724W        | La Pradera | arbol      | 3,1        | 0.00-5.00 mts   |
| Aguacate          | 4.8279N-75.6724W        | La Pradera | arbol      | 6,2        | 5.01-15.00 mts  |
| Ebano ornamental  | 4.8279N-75.6725W        | La Pradera | arbol      | 1,4        | 0.00-5.00 mts   |
| Mango             | 4.8279N-75.6725W        | La Pradera | arbol      | 1,3        | 0.00-5.00 mts   |
| Leucaena          | 4.8280N-75.6725W        | La Pradera | arbol      | 1,7        | 0.00-5.00 mts   |
| Leucaena          | 4.8281N-75.6728W        | La Pradera | arbol      | 6,4        | 5.01-15.00 mts  |
| Guayacan amarillo | 4.8281N-75.6729W        | La Pradera | arbol      | 5,3        | 5.01-15.00 mts  |
| Palma robelini    | 4.8281N-75.6729W        | La Pradera | Palma      | 2,3        | 0.00-5.00 mts   |
| Guayacan amarillo | 4.8281N-75.6730W        | La Pradera | arbol      | 10,4       | 5.01-15.00 mts  |
| Palma Robelini    | 4.8237-75.6755          | La Pradera | Palma      | 2          | 0.00-5.00 mts   |
| Palma Robelini    | 4.8232-75.6750          | La Pradera | Palma      | 1,9        | 0.00-5.00 mts   |
| Palma manila      | 4.8232-75.6750          | La Pradera | Palma      | 2,1        | 0.00-5.03       |
| Palma areca       | 4.8232-75.6751          | La Pradera | Palma      | 2,5        | 0.00-5.00 mts   |
| Palma quency      | 4.8231-75.6754          | La Pradera | Palma      | 7,3        | 00.00-5.05      |

| NOM_COM               | COORDENADA                            | BARRIO                         | HAB_CRECH | H_mts_1 | Rango_ajtu      |
|-----------------------|---------------------------------------|--------------------------------|-----------|---------|-----------------|
| Palma quency          | 4.8231- 75.6754                       | La Pradera                     | Palma     | 6,9     | 00,00-5,00      |
| Palma areca           | 4.8233- 75.6755                       | La Pradera                     | Palma     | 1,7     | 0,00-5,00 mts   |
| Palma manila          | 4.8230- 75.6739                       | La Pradera                     | Palma     | 3,6     | 00,00-5,00      |
| Palma areca           | 4.8247- 75.6745                       | La Pradera                     | Palma     | 2,2     | 0,00-5,00 mts   |
| Palma manila          | 4.8231- 75.6740                       | La Pradera                     | Palma     | 3,4     | 00,00-5,10      |
| Palma Robelini        | 4.8240- 75.6745                       | La Pradera                     | Palma     | 2,2     | 0,00-5,00 mts   |
| Palma areca           | 4.8232- 75.6760                       | La Pradera                     | Palma     | 2,4     | 0,00-5,00 mts   |
| Palma areca           | 4.8278N - 75.6745W                    | La Pradera                     | Palma     | 3,3     | 0,00-5,00 mts   |
| Palma areca           | 4.8277N - 75.6745W                    | La Pradera                     | Palma     | 2,8     | 0,00-5,00 mts   |
| Palma manila          | 4.8277N - 75.6702W                    | La Pradera                     | Palma     | 2,8     | 0,00-5,00 mts   |
| Palma areca           | 4.8278N - 75.6703W                    | La Pradera                     | Palma     | 4,1     | 0,00-5,00 mts   |
| Palma areca           | 4.8276- 75.6774                       | La Pradera                     | Palma     | 2,9     | 0,00-5,00 mts   |
| Palma areca           | 4.8245- 75.6744                       | La Pradera                     | Palma     | 2,2     | 0,00-5,00 mts   |
| Palma areca           | 4.8247- 75.6745                       | La Pradera                     | Palma     | 2,3     | 0,00-5,00 mts   |
| Palma areca           | 4.8248- 75.6745                       | La Pradera                     | Palma     | 1,3     | 0,00-5,00 mts   |
| Palma areca           | 4.8240- 75.6746                       | La Pradera                     | Palma     | 1,1     | 0,00-5,00 mts   |
| Palma zancona         | 4.8245436- 75.682087                  | La Pradera                     | Palma     | 7       | 5,00-15,00      |
| Palma zancona         | 4.8233516- 75.67532671                | La Pradera                     | Palma     | 7       | 5,00-15,00      |
| Palma manila          | 4.82348916- 75.67528972               | La Pradera                     | Palma     | 3       | 00,00-5,00      |
| Palma Manila          | 4.8280 - 75.6803                      | La Pradera                     | Palma     | 1,9     | 0,00-5,00 mts   |
| Palma Manila          | 4.8280 - 75.6803                      | La Pradera                     | Palma     | 2       | 0,00-5,00 mts   |
| Palma quency          | 4.8280 - 75.6803                      | La Pradera                     | Palma     | 2,5     | 0,00-5,00 mts   |
| Palma quency          | 4.8280 - 75.6803                      | La Pradera                     | Palma     | 2,3     | 0,00-5,00 mts   |
| Palma areca           | 4.8276 - 75.6797                      | La Pradera                     | Palma     | 1,9     | 0,00-5,00 mts   |
| Palma Manila          | 4.8276 - 75.6797                      | La Pradera                     | Palma     | 2,8     | 0,00-5,00 mts   |
| Palma quency          | 4.8274 - 75.6796                      | La Pradera                     | Palma     | 1,6     | 0,00-5,00 mts   |
| Palma quency          | 4.8276 - 75.6796                      | La Pradera                     | Palma     | 1,8     | 0,00-5,00 mts   |
| Palma botella         | 4.8276 - 75.6800                      | La Pradera                     | Palma     | 1,8     | 0,00-5,00 mts   |
| Palma areca           | 4.8276 - 75.6793                      | La Pradera                     | Palma     | 4,3     | 0,00-5,00 mts   |
| Palma robelini        | 4.8270 - 75.6791                      | La Pradera                     | Palma     | 1,7     | 0,00-5,00 mts   |
| Palma areca           | 4.8270 - 75.6787                      | La Pradera                     | Palma     | 2,1     | 0,00-5,00 mts   |
| Palma manila          | 4.8277N - 75.6708W                    | La Pradera                     | Palma     | 3,2     | 0,00-5,00 mts   |
| Palma corozo          | 4.8271N - 75.6721W                    | La Pradera                     | Palma     | 3,9     | 0,00-5,00 mts   |
| Palma corozo          | 4.8271N - 75.6720W                    | La Pradera                     | Palma     | 4,3     | 0,00-5,00 mts   |
| Palma corozo          | 4.8271N - 75.6720W                    | La Pradera                     | Palma     | 4,2     | 0,00-5,00 mts   |
| Palma corozo          | 4.8271N - 75.6720W                    | La Pradera                     | Palma     | 4,4     | 0,00-5,00 mts   |
| Palma quency          | 4.8275N - 75.6711W                    | La Pradera                     | Palma     | 5,6     | 5,01-15,00 mts  |
| Palma quency          | 4.8273N - 75.6713W                    | La Pradera                     | Palma     | 5,4     | 5,01-15,00 mts  |
| Palma quency          | 4.8274N - 75.6713W                    | La Pradera                     | Palma     | 6,2     | 5,01-15,00 mts  |
| Palma quency          | 4.8274N - 75.6713W                    | La Pradera                     | Palma     | 5,6     | 5,01-15,00 mts  |
| Palma quency          | 4.8274N - 75.6712W                    | La Pradera                     | Palma     | 5,1     | 5,01-15,00 mts  |
| Palma quency          | 4.8275N - 75.6712W                    | La Pradera                     | Palma     | 5,2     | 5,01-15,00 mts  |
| Palma quency          | 4.8275N - 75.6712W                    | La Pradera                     | Palma     | 5,7     | 5,01-15,00 mts  |
| Palma manila          | 4.8276N - 75.6708W                    | La Pradera                     | Palma     | 3,1     | 0,00-5,00 mts   |
| Palma areca           | 4.8277N - 75.6708W                    | La Pradera                     | Palma     | 5,4     | 5,01-15,00 mts  |
| Palma manila          | 4.8269N - 75.6728W                    | La Pradera                     | Palma     | 3,1     | 0,00-5,00 mts   |
| Palma manila          | 4.8269N - 75.6728W                    | La Pradera                     | Palma     | 3,3     | 0,00-5,00 mts   |
| Palma manila          | 4.8269N - 75.6728W                    | La Pradera                     | Palma     | 3,2     | 0,00-5,00 mts   |
| Palma manila          | 4.8269N - 75.6728W                    | La Pradera                     | Palma     | 3,6     | 0,00-5,00 mts   |
| Palma manila          | 4.8269N - 75.6727W                    | La Pradera                     | Palma     | 3,7     | 0,00-5,00 mts   |
| Palma manila          | 4.8269N - 75.6727W                    | La Pradera                     | Palma     | 3,5     | 0,00-5,00 mts   |
| Palma manila          | 4.8269N - 75.6727W                    | La Pradera                     | Palma     | 3,6     | 0,00-5,00 mts   |
| Palma manila          | 4.8273N - 75.6719W                    | La Pradera                     | Palma     | 3,8     | 0,00-5,00 mts   |
| Palma manila          | 4.8270N - 75.6724W                    | La Pradera                     | Palma     | 3,7     | 0,00-5,00 mts   |
| Palma manila          | 4.8270N - 75.6724W                    | La Pradera                     | Palma     | 3,4     | 0,00-5,00 mts   |
| Palma corozo          | 4.8270N - 75.6722W                    | La Pradera                     | Palma     | 5,1     | 0,00-5,00 mts   |
| Palma corozo          | 4.8271N - 75.6722W                    | La Pradera                     | Palma     | 5,6     | 0,00-5,00 mts   |
| Palma corozo          | 4.8271N - 75.6721W                    | La Pradera                     | Palma     | 4,2     | 0,00-5,00 mts   |
| Palma manila          | 4.8272N - 75.6738W                    | La Pradera                     | Palma     | 3,2     | 0,00-5,00 mts   |
| Palma manila          | 4.8271N - 75.6738W                    | La Pradera                     | Palma     | 2,9     | 0,00-5,00 mts   |
| Palma manila          | 4.8271N - 75.6741W                    | La Pradera                     | Palma     | 3,6     | 0,00-5,00 mts   |
| Palma manila          | 4.8272N - 75.6737W                    | La Pradera                     | Palma     | 3,7     | 0,00-5,00 mts   |
| Palma manila          | 4.8272N - 75.6736W                    | La Pradera                     | Palma     | 3,9     | 0,00-5,00 mts   |
| Palma areca           | 4.8272N - 75.6735W                    | La Pradera                     | Palma     | 2,4     | 0,00-5,00 mts   |
| Palma manila          | 4.8269N - 75.6732W                    | La Pradera                     | Palma     | 3,4     | 0,00-5,00 mts   |
| Palma manila          | 4.8269N - 75.6732W                    | La Pradera                     | Palma     | 3,6     | 0,00-5,00 mts   |
| Tulipan Africano      | 4.8269N - 75.6732W                    | La Pradera                     | Arbol     | 7,1     | 5,01-15,00 mts  |
| Palma manila          | 4.8269N - 75.6732W                    | La Pradera                     | Palma     | 3,5     | 0,00-5,00 mts   |
| Palma manila          | 4.8269N - 75.6731W                    | La Pradera                     | Palma     | 3,6     | 0,00-5,00 mts   |
| Palma manila          | 4.8269N - 75.6731W                    | La Pradera                     | Palma     | 3,2     | 0,00-5,00 mts   |
| Palma manila          | 4.8269N - 75.6731W                    | La Pradera                     | Palma     | 3,5     | 0,00-5,00 mts   |
| Palma quency          | 4.828368659020796,-75.68052224814802  | La Pradera - Av. Simon bolivar | Palma     | 9,8     | 5,01-10,00 mts  |
| Palma quency          | 4.828414428847044,-75.680465205120735 | La Pradera - Av. Simon bolivar | Palma     | 8,9     | 5,01-10,00 mts  |
| Palma quency          | 4.828449507908888,-75.68044647574425  | La Pradera - Av. Simon bolivar | Palma     | 8,5     | 5,01-10,00 mts  |
| Palma quency          | 4.828487259659138,-75.68040758371353  | La Pradera - Av. Simon bolivar | Palma     | 3,5     | 2,01-5,00 mts   |
| Palma quency          | 4.82856774446885,-75.68033717572689   | La Pradera - Av. Simon bolivar | Palma     | 4,6     | 2,01-5,00 mts   |
| Palma quency          | 4.8286249319035,-75.68030565977097    | La Pradera - Av. Simon bolivar | Palma     | 3,2     | 2,01-5,00 mts   |
| Palma quency          | 4.828650961914641,-75.68025302141905  | La Pradera - Av. Simon bolivar | Palma     | 5       | 2,01-5,00 mts   |
| Palma quency          | 4.828750185507428,-75.68015646189451  | La Pradera - Av. Simon bolivar | Palma     | 5       | 2,01-5,00 mts   |
| Palma Alejandra       | 4.8285978422074995,-75.68031001836061 | La Pradera - Av. Simon bolivar | Palma     | 2,8     | 2,01-5,00 mts   |
| Palma quency          | 4.828817336819554,-75.68009544163942  | La Pradera - Av. Simon bolivar | Palma     | 4,1     | 2,01-5,00 mts   |
| Palma quency          | 4.828854086291059,-75.68005587906645  | La Pradera - Av. Simon bolivar | Palma     | 3,8     | 2,01-5,00 mts   |
| Palma quency          | 4.828868451992997,-75.6800464913249   | La Pradera - Av. Simon bolivar | Palma     | 4       | 2,01-5,00 mts   |
| Palma quency          | 4.82894096899365,-75.67995328456163   | La Pradera - Av. Simon bolivar | Palma     | 3,7     | 2,01-5,00 mts   |
| Palma quency          | 4.828982375339535,-75.67991271615028  | La Pradera - Av. Simon bolivar | Palma     | 2,2     | 2,01-5,00 mts   |
| Palma quency          | 4.828994736522609,-75.6798510694028   | La Pradera - Av. Simon bolivar | Palma     | 3,8     | 2,01-5,00 mts   |
| Palma quency          | 4.8290552069090639,-75.67981615662575 | La Pradera - Av. Simon bolivar | Palma     | 4,5     | 2,01-5,00 mts   |
| Palma quency          | 4.829096298669962,-75.67977458238602  | La Pradera - Av. Simon bolivar | Palma     | 5,8     | 5,01-10,00 mts  |
| Guayacan amarillo     | 4.825972253510980,-75.68153411149979  | La Pradera - Av. Simon bolivar | arbol     | 12,5    | 10,01-15,00 mts |
| Araucaria             | 4.858015165195788,-75.65456215292215  | La Romella                     | arbol     | 12      | 10,01-15,00 mts |
| Araucaria             | 4.858038216141838,-75.6545041501522   | La Romella                     | arbol     | 16      | 15,01-28,00 mts |
| Palo de la cruz       | 4.8542618593398785,-75.65670758485794 | La Romella                     | arbol     | 5,3     | 5,01-10,00 mts  |
| Guayabo dulce         | 4.854503060397612,-75.65691612660885  | La Romella                     | arbol     | 5,6     | 5,01-10,00 mts  |
| Palma quency          | 4.853628455959774,-75.65712567418814  | La Romella                     | Palma     | 4,7     | 2,01-5,00 mts   |
| Palma quency          | 4.8536581881706375,-75.6571377441287  | La Romella                     | Palma     | 3,3     | 2,01-5,00 mts   |
| Palma quency          | 4.8537029540644845,-75.65731175243855 | La Romella                     | Palma     | 2,9     | 2,01-5,00 mts   |
| Palma quency          | 4.853648495585932,-75.6571152806282   | La Romella                     | Palma     | 2,5     | 2,01-5,00 mts   |
| Palma quency          | 4.853376229785897,-75.65768726170063  | La Romella                     | Palma     | 4,6     | 2,01-5,00 mts   |
| Palma quency          | 4.853303067579139,-75.65755013376474  | La Romella                     | Palma     | 3,2     | 2,01-5,00 mts   |
| Palma quency          | 4.852593493984227,-75.65764971077442  | La Romella                     | Palma     | 4,1     | 2,01-5,00 mts   |
| Palma quency          | 4.852583137678592,-75.6578341126442   | La Romella                     | Palma     | 5,8     | 5,01-10,00 mts  |
| Palma quency          | 4.8526218903051375,-75.65783008933067 | La Romella                     | Palma     | 8       | 5,01-10,00 mts  |
| Palma quency          | 4.852673871828947,-75.65776873379946  | La Romella                     | Palma     | 8,3     | 5,01-10,00 mts  |
| Palma quency          | 4.8527491272624016,-75.65795581787825 | La Romella                     | Palma     | 6,2     | 5,01-10,00 mts  |
| Palma quency          | 4.85279995191507,-75.65805438905954   | La Romella                     | Palma     | 8,2     | 5,01-10,00 mts  |
| Palma quency          | 4.85280295858351,-75.65800074487925   | La Romella                     | Palma     | 4,5     | 2,01-5,00 mts   |
| Palma quency          | 4.852833025267082,-75.65800610929728  | La Romella                     | Palma     | 4,3     | 2,01-5,00 mts   |
| Palma quency          | 4.852917211973892,-75.6580513715744   | La Romella                     | Palma     | 4,1     | 2,01-5,00 mts   |
| Palma quency          | 4.85303447201232,-75.65833300352097   | La Romella                     | Palma     | 11,1    | 10,01-15,00 mts |
| Palma quency          | 4.85299237866753,-75.65832260996103   | La Romella                     | Palma     | 10,5    | 10,01-15,00 mts |
| Hijeron de hoja ancha | 4.852989037925777,-75.65829142928123  | La Romella                     | arbol     | 15,2    | 15,01-28,00 mts |
| Palma quency          | 4.853099616469325,-75.65835278481245  | La Romella                     | Palma     | 5,3     | 5,01-10,00 mts  |
| Guayacan amarillo     | 4.8529649845846,-75.65839771181345    | La Romella                     | arbol     | 16      | 15,01-28,00 mts |

| NOM_COM                | COORDENADA                             | BARRIO                      | HAB_CRECH  | H_mts_1    | Ranoc_mtu       |
|------------------------|--|-----------------------------|------------|------------|-----------------|
| Palma quency           | 4.853020442897686,-75.65842855721712   | La Romella                  | Palma      | 11,3       | 10,01-15,00 mts |
| Palma quency           | 4.852983004590553,-75.65836345353647   | La Romella                  | Palma      | 11,1       | 10,01-15,00 mts |
| Palma quency           | 4.8530511757198365,-75.65835244903632  | La Romella                  | Palma      | 11,2       | 10,01-15,00 mts |
| Higuaron de hoja ancha | 4.853030126048309,-75.65844934439699   | La Romella                  | arbol      | 16,2       | 15,01-28,00 mts |
| Palma quency           | 4.853037478670716,-75.65847750753164   | La Romella                  | Palma      | 7,2        | 5,01-10,00 mts  |
| Palma quency           | 4.853087923874938,-75.65849004802046   | La Romella                  | Palma      | 8,9        | 5,01-10,00 mts  |
| Palma quency           | 4.853076869426117,-75.65850250724316   | La Romella                  | Palma      | 8,6        | 5,01-10,00 mts  |
| Guamo santafelero      | 4.848707529595459,-75.65949138253927   | La Romella                  | arbol      | 6,5        | 5,01-10,00 mts  |
| Palma Alejandra        | 4.848172005180311,-75.6609545275599    | La Romella                  | Palma      | 8,7        | 5,01-10,00 mts  |
| Guayacan rosado        | 4.848196859595791,-75.66095319647858   | La Romella                  | arbol      | 12,8       | 10,01-15,00 mts |
| Urapan                 | 4.8579W,-75.6566W                      | La Romella                  | arbol      | 12         | 5,01-15,00 mts  |
| Palma lucubensis       | 4.8318247733437705,-75.67642093246832  | La Rosa - Av. Simón Bolívar | Palma      | 11         | 10,01-15,00 mts |
| Palma lucubensis       | 4.831853170536868,-75.67640271037817   | La Rosa - Av. Simón Bolívar | Palma      | 9,7        | 5,01-10,00 mts  |
| Palma lucubensis       | 4.831849314799826,-75.67639064043759   | La Rosa - Av. Simón Bolívar | Palma      | 9          | 5,01-15,00 mts  |
| Palma lucubensis       | 4.8318558432137197,-75.67637421190739  | La Rosa - Av. Simón Bolívar | Palma      | 10,1       | 5,01-10,00 mts  |
| Palma zancoana         | 4.831876806540259,-75.67635510116816   | La Rosa - Av. Simón Bolívar | Palma      | 12         | 10,01-15,00 mts |
| Palma lucubensis       | 4.831905287735209,-75.67632320245836   | La Rosa - Av. Simón Bolívar | Palma      | 9,8        | 5,01-10,00 mts  |
| Guayacan rosado        | 4.821302905039806,-75.67549310624601   | La Sultana                  | arbol      | 6,7        | 5,01-10,00 mts  |
| Palma cubana           | 4.821453704838842,-75.67552618201494   | La Sultana                  | Palma      | 11         | 0,00-2,00 mts   |
| Aracaña                | 4.821467402517965,-75.67551355868973   | La Sultana                  | arbol      | 14         | 10,01-15,00 mts |
| Guayacan rosado        | 4.8215429067930184,-75.67558830466602  | La Sultana                  | arbol      | 5,8        | 5,01-10,00 mts  |
| Guayacan rosado        | 4.821525868218408,-75.67562398393547   | La Sultana                  | arbol      | 9,5        | 5,01-10,00 mts  |
| Guayacan rosado        | 4.8215572725497085,-75.67564096301794  | La Sultana                  | arbol      | 6,7        | 5,01-10,00 mts  |
| Palma quency           | 4.821549588586887,-75.67567731492612   | La Sultana                  | Palma      | 9,9        | 5,01-10,00 mts  |
| Guayacan rosado        | 4.821595358872953,-75.67567717283964   | La Sultana                  | arbol      | 4,1        | 2,01-5,00 mts   |
| Guayacan rosado        | 4.821563954443421,-75.67570097744485   | La Sultana                  | arbol      | 6,3        | 5,01-10,00 mts  |
| Palma areca            | 4.821505488748248,-75.67568409707071   | La Sultana                  | Palma      | 7,3        | 5,01-10,00 mts  |
| Palma areca            | 4.821521859141966,-75.67571271210909   | La Sultana                  | Palma      | 6,2        | 5,01-10,00 mts  |
| Almendra               | 4.8215135068699308,-75.67575254524431  | La Sultana                  | arbol      | 7          | 5,01-10,00 mts  |
| Palma areca            | 4.82143566839927525,-75.67583709955215 | La Sultana                  | Palma      | 4          | 2,01-5,00 mts   |
| Aralia elegantissima   | 4.821698502572618,-75.67616989347      | La Sultana                  | Arbusto    | 3          | 2,01-5,00 mts   |
| Pino libro             | 4.821633779189736,-75.67623299010574   | La Sultana                  | arbol      | 2,4        | 2,01-5,00 mts   |
| Pino libro             | 4.821618745149337,-75.6761998832142    | La Sultana                  | arbol      | 2,8        | 2,01-5,00 mts   |
| Palma areca            | 4.821598627160883,-75.67614421248435   | La Sultana                  | Palma      | 4,2        | 2,01-5,00 mts   |
| Draena                 | 4.821544577241494,-75.67610330879688   | La Sultana                  | Arbusto    | 2,8        | 2,01-5,00 mts   |
| Francoesina            | 4.821595358872953,-75.6760422885418    | La Sultana                  | Arbusto    | 3,4        | 2,01-5,00 mts   |
| Palma areca            | 4.821559611277508,-75.67600775510073   | La Sultana                  | Palma      | 2,8        | 2,01-5,00 mts   |
| Palma areca            | 4.821555268111583,-75.67598395049572   | La Sultana                  | Palma      | 3          | 2,01-5,00 mts   |
| Guayacan rosado        | 4.821548915869332,-75.67596048116684   | La Sultana                  | arbol      | 4,5        | 2,01-5,00 mts   |
| Acacia de siam         | 4.821512838719895,-75.6759675219655    | La Sultana                  | arbol      | 10         | 5,01-10,00 mts  |
| Canañafolia            | 4.821529543205123,-75.67594673484564   | La Sultana                  | La Sultana | 7,5        | 5,01-10,00 mts  |
| Canañafolia            | 4.821524531895994,-75.67593265324831   | La Sultana                  | arbol      | 7,2        | 5,01-10,00 mts  |
| Guayacan rosado        | 4.821111930950934,-75.67570399402079   | La Sultana                  | arbol      | 9          | 5,01-10,00 mts  |
| Guayacan rosado        | 4.8210674968919884,-75.67569963634014  | La Sultana                  | arbol      | 9          | 5,01-10,00 mts  |
| Guayacan rosado        | 4.8210527970349855,-75.67569125443697  | La Sultana                  | arbol      | 4,6 - 5,80 | 5,01-10,00 mts  |
| Guayacan rosado        | 4.8208800725185995,-75.67565504461527  | La Sultana                  | arbol      | 7          | 5,01-10,00 mts  |
| Guayacan rosado        | 4.821276971344479,-75.67588638514279   | La Sultana                  | arbol      | 5          | 2,01-5,00 mts   |
| Palma areca            | 4.821296014484225,-75.67598830908537   | La Sultana                  | Palma      | 3,6        | 2,01-5,00 mts   |
| Palma areca            | 4.8212923394762495,-75.67604664713144  | La Sultana                  | Palma      | 7,2        | 5,01-10,00 mts  |
| Palma areca            | 4.821348802022388,-75.67599635571241   | La Sultana                  | Palma      | 4,3        | 2,01-5,00 mts   |
| Guayacan rosado        | 4.821328421175954,-75.67593064159195   | La Sultana                  | arbol      | 9          | 5,01-10,00 mts  |
| Guayacan rosado        | 4.821348127934705,-75.67595109343529   | La Sultana                  | arbol      | 5,5        | 5,01-10,00 mts  |
| Palma areca            | 4.821388223247049,-75.67598629742861   | La Sultana                  | Palma      | 3,9        | 2,01-5,00 mts   |
| Palma quency           | 4.820869868457936,-75.6756842574954    | La Sultana                  | Palma      | 3          | 2,01-5,00 mts   |
| Palma quency           | 4.820864918509572,-75.67562855780125   | La Sultana                  | Palma      | 4,2        | 2,01-5,00 mts   |
| Palma quency           | 4.820831509496196,-75.67561950334582   | La Sultana                  | Palma      | 4,7        | 2,01-5,00 mts   |
| Pino veia              | 4.820624493603147,-75.67562486976385   | La Sultana                  | arbol      | 3,5        | 2,01-5,00 mts   |
| Palma quency           | 4.820653893939343,-75.67563727498055   | La Sultana                  | Palma      | 5,8        | 5,01-10,00 mts  |
| Palma quency           | 4.820582398243477,-75.67561715841293   | La Sultana                  | Palma      | 5          | 2,01-5,00 mts   |
| Palma areca            | 4.820499877967344,-75.67561950334582   | La Sultana                  | Palma      | 5,8        | 5,01-10,00 mts  |
| Palma areca            | 4.8205372960895065,-75.67561514675617  | La Sultana                  | Palma      | 6,5        | 5,01-10,00 mts  |
| Palma areca            | 4.8205598680111775,-75.67561279982328  | La Sultana                  | Palma      | 3,2        | 2,01-5,00 mts   |
| Acerola                | 4.820174808118139,-75.67562654614449   | La Sultana                  | La Sultana | 2,2        | 2,01-5,00 mts   |
| Acacia amarilla        | 4.819997406110161,-75.6756054237485    | La Sultana                  | arbol      | 6,3        | 5,01-10,00 mts  |
| Aguaate                | 4.820486848449149,-75.6751497834921    | La Sultana                  | La Sultana | 7,9        | 5,01-10,00 mts  |
| Achote                 | 4.82048512088288,-75.67514274269342    | La Sultana                  | arbol      | 8,3        | 5,01-10,00 mts  |
| Achote                 | 4.820464130314255,-75.67510485649109   | La Sultana                  | arbol      | 6,8        | 5,01-10,00 mts  |
| Guayabo dulce          | 4.820467137126276,-75.67513201385735   | La Sultana                  | arbol      | 5,4        | 5,01-10,00 mts  |
| Palma areca            | 4.819830715307526,-75.67549981176853   | La Sultana                  | Palma      | 8,8        | 5,01-10,00 mts  |
| Palma areca            | 4.819904528957573,-75.67545253783464   | La Sultana                  | Palma      | 8,2        | 5,01-10,00 mts  |
| Aguaate                | 4.8201771467507095,-75.67498784512261  | La Sultana                  | Palma      | 7,8        | 5,01-10,00 mts  |
| Aguaate                | 4.820252985259491,-75.67500058961583   | La Sultana                  | arbol      | 0,72-7,2   | 0,00-2,00 mts   |
| Mango                  | 4.820237617104209,-75.67495485278625   | La Sultana                  | arbol      | 0,08-8     | 0,00-2,00 mts   |
| Palma areca            | 4.820211892147853,-75.6749764457345    | La Sultana                  | Palma      | 3          | 2,01-5,00 mts   |
| Aguaate                | 4.82021829864447,-75.67497175186872    | La Sultana                  | arbol      | 7,5        | 5,01-10,00 mts  |
| Pino azul              | 4.820052196942422,-75.67504551261685   | La Sultana                  | arbol      | 2,6        | 2,01-5,00 mts   |
| Mandarino              | 4.8200087651855155,-75.6750850751996   | La Sultana                  | arbol      | 4,8        | 2,01-5,00 mts   |
| Palma areca            | 4.819952303897363,-75.6751199439168    | La Sultana                  | Palma      | 8,5        | 5,01-10,00 mts  |
| Mifonaria careada      | 4.81993058801606,-75.67512195557356    | La Sultana                  | Arbusto    | 6,5        | 5,01-10,00 mts  |
| Pino azul              | 4.819906199410082,-75.67513301968575   | La Sultana                  | arbol      | 7,8        | 5,01-10,00 mts  |
| Palma areca            | 4.8198500264800,-75.67517962306738     | La Sultana                  | Palma      | 8,5        | 5,01-10,00 mts  |
| Casco de yaca          | 4.8198685320117629,-75.67525841295719  | La Sultana                  | arbol      | 9,7        | 5,01-10,00 mts  |
| Aguaate                | 4.819861979211454,-75.6752530547205    | La Sultana                  | arbol      | 6          | 5,01-10,00 mts  |
| Palma areca            | 4.819616208795108,-75.67530132830143   | La Sultana                  | Palma      | 8,7        | 5,01-10,00 mts  |
| Palma areca            | 4.819586474272735,-75.67531775683165   | La Sultana                  | Palma      | 8,5        | 5,01-10,00 mts  |
| Palma areca            | 4.819551395207956,-75.67531742155592   | La Sultana                  | Palma      | 7,8        | 5,01-10,00 mts  |
| Palma areca            | 4.81950302935529,-75.6753784418106     | La Sultana                  | Palma      | 7          | 5,01-10,00 mts  |
| Acacia amarilla        | 4.81943446346181,-75.67530300488206    | La Sultana                  | arbol      | 3,6        | 2,01-5,00 mts   |
| Acacia amarilla        | 4.819268420348264,-75.67511692643166   | La Sultana                  | arbol      | 4          | 2,01-5,00 mts   |
| Cedro japonés          | 4.819150840829519,-75.67502530604902   | La Sultana                  | arbol      | 3,2        | 2,01-5,00 mts   |
| Palma quency           | 4.8191411317367745,-75.67494492577858  | La Sultana                  | Palma      | 5          | 2,01-5,00 mts   |
| Mango                  | 4.819869693299641,-75.674972420242098  | La Sultana                  | arbol      | 4,8        | 2,01-5,00 mts   |
| Mango                  | 4.819851408966026,-75.67481885420811   | La Sultana                  | arbol      | 5,9        | 5,01-10,00 mts  |
| Acacia amarilla        | 4.819827449281837,-75.67481718957424   | La Sultana                  | arbol      | 3,2        | 2,01-5,00 mts   |
| Naranjo                | 4.819814658607199,-75.67482355982065   | La Sultana                  | arbol      | 4,4        | 2,01-5,00 mts   |
| Guanabano              | 4.820150774051464,-75.67494459450245   | La Sultana                  | arbol      | 8,7        | 5,01-10,00 mts  |
| Guanabano              | 4.820188171732687,-75.67496336996555   | La Sultana                  | arbol      | 6,2        | 5,01-10,00 mts  |
| Guamo machete          | 4.820195858109315,-75.67495364895787   | La Sultana                  | arbol      | 4,6        | 2,01-5,00 mts   |
| Aguaate                | 4.820186121788554,-75.67496202886105   | La Sultana                  | arbol      | 4,2        | 2,01-5,00 mts   |
| Aguaate                | 4.820153426334323,-75.67492682486773   | La Sultana                  | arbol      | 11,5       | 10,01-15,00 mts |
| Aguaate                | 4.8196302610489776,-75.67487460722033  | La Sultana                  | arbol      | 6,3        | 5,01-10,00 mts  |
| Naranjo                | 4.819555404296625,-75.6748555864811    | La Sultana                  | arbol      | 3,7        | 2,01-5,00 mts   |
| Higuaron               | 4.819420431650966,-75.67449901252585   | La Sultana                  | arbol      | 6,5        | 5,01-10,00 mts  |
| Pino libro             | 4.819382011215035,-75.67450739443302   | La Sultana                  | arbol      | 5          | 2,01-5,00 mts   |
| Jagua                  | 4.819353947590802,-75.67448291927576   | La Sultana                  | arbol      | 10         | 5,01-10,00 mts  |
| Palma areca            | 4.81931586124199,-75.67439172416927    | La Sultana                  | Palma      | 8,2        | 5,01-10,00 mts  |
| Guayabo dulce          | 4.819250045353326,-75.67436657845975   | La Sultana                  | arbol      | 7,2        | 5,01-10,00 mts  |
| Guamo santafelero      | 4.819823344961274,-75.67423682659864   | La Sultana                  | arbol      | 9,2        | 5,01-10,00 mts  |
| Guamo santafelero      | 4.819866442639535,-75.67410602873055   | La Sultana                  | arbol      | 10         | 5,01-10,00 mts  |
| Guayabo dulce          | 4.819832365405801,-75.67413792014122   | La Sultana                  | arbol      | 4,7        | 2,01-5,00 mts   |
| Guayabo dulce          | 4.819847733570242,-75.6740826430416    | La Sultana                  | arbol      | 4          | 2,01-5,00 mts   |
| Guayabo dulce          | 4.81982078747095,-75.67408315356492    | La Sultana                  | arbol      | 2,7        | 2,01-5,00 mts   |
| Eucalipto              | 4.819851742695656,-75.67387204617262   | La Sultana                  | arbol      | 24         | 15,01-28,00 mts |



| NOM. COM          | COORDENADA                            | BARRIO     | HAB. CRECII | H. mts. 1 | Rango. situ     |
|-------------------|---------------------------------------|------------|-------------|-----------|-----------------|
| Eucalipto         | 4.819880140950653,-75.67383114248514  | La Sultana | arbol       | 25        | 15.01-28.00 mts |
| Aguacate          | 4.819852076747095,-75.673820041964907 | La Sultana | arbol       | 7.8       | 5.01-10.00 mts  |
| Mango             | 4.819795949536948,-75.67373190075159  | La Sultana | arbol       | 6.4       | 5.01-10.00 mts  |
| Cipres            | 4.819806310889826,-75.67373726516962  | La Sultana | arbol       | 7.8       | 5.01-10.00 mts  |
| Guayabo dulce     | 4.8198353722020597,-75.67363788815904 | La Sultana | arbol       | 3         | 2.01-5.00 mts   |
| Leucaena          | 4.8198303608262574,-75.67365210503338 | La Sultana | arbol       | 8.7       | 5.01-10.00 mts  |
| Pino libro        | 4.8197084178005903,-75.67355822771788 | La Sultana | arbol       | 2.2       | 2.01-5.00 mts   |
| Limon mandarina   | 4.820118346843789,-75.673425795964777 | La Sultana | arbol       | 4.9       | 2.01-5.00 mts   |
| Mango             | 4.82002287792503,-75.67340333014737   | La Sultana | arbol       | 6.5       | 5.01-10.00 mts  |
| Guayabo dulce     | 4.819048922648985,-75.67428912967443  | La Sultana | arbol       | 7.2       | 5.01-10.00 mts  |
| Yarumo negro      | 4.818649363547422,-75.67423716187477  | La Sultana | arbol       | 13        | 10.01-15.00 mts |
| Mango             | 4.818035999098511,-75.67442391067743  | La Sultana | arbol       | 9.8       | 5.01-10.00 mts  |
| Pino libro        | 4.8180972036739,-75.67443061619998    | La Sultana | arbol       | 4         | 2.01-5.00 mts   |
| Palma areca       | 4.818882545350259,-75.67439373582602  | La Sultana | Palma       | 5.6       | 5.01-10.00 mts  |
| Aguacate          | 4.818854815796516,-75.674361549031784 | La Sultana | arbol       | 8.2       | 5.01-10.00 mts  |
| Palma areca       | 4.818841452155747,-75.67439205044538  | La Sultana | Palma       | 9.1       | 5.01-10.00 mts  |
| Cipres            | 4.818801391291877,-75.674395293735023 | La Sultana | arbol       | 4.9       | 2.01-5.00 mts   |
| Naranjo           | 4.81875590484863,-75.6743732898229    | La Sultana | arbol       | 2.3       | 2.01-5.00 mts   |
| Palma areca       | 4.818731870291552,-75.67439138880913  | La Sultana | Palma       | 4.7       | 2.01-5.00 mts   |
| Guayabo dulce     | 4.818671309804061,-75.67438334229608  | La Sultana | arbol       | 0.39-3.9  | 0.00-2.00 mts   |
| Palma areca       | 4.818777640767476,-75.67458316883769  | La Sultana | Palma       | 6.7       | 5.01-10.00 mts  |
| Guayabo dulce     | 4.818783988497467,-75.67479707300963  | La Sultana | arbol       | 7.7       | 5.01-10.00 mts  |
| Palma areca       | 4.818787329470968,-75.67500111016989  | La Sultana | Palma       | 3.8       | 2.01-5.00 mts   |
| Palma areca       | 4.818758263486074,-75.67510452121406  | La Sultana | Palma       | 0.39-3.9  | 0.00-2.00 mts   |
| Acacia amarilla   | 4.81903990219409,-75.67498739327906   | La Sultana | arbol       | 5.8       | 5.01-10.00 mts  |
| Mango             | 4.818496670133165,-75.6753170862704   | La Sultana | arbol       | 3.2       | 2.01-5.00 mts   |
| ebano ornamental  | 4.818484640820153,-75.6751735880971   | La Sultana | arbol       | 2.8       | 2.01-5.00 mts   |
| Laurel rosado     | 4.818490064970932,-75.67500204328775  | La Sultana | arbol       | 3.1       | 2.01-5.00 mts   |
| Palma areca       | 4.818491304674066,-75.67500204328775  | La Sultana | Palma       | 4.8       | 2.01-5.00 mts   |
| Palma areca       | 4.818510367871903,-75.67484401168439  | La Sultana | Palma       | 6.5       | 5.01-10.00 mts  |
| Pino libro        | 4.81850168150102,-75.674802590675354  | La Sultana | arbol       | 6         | 5.01-10.00 mts  |
| Aguacate          | 4.818374392745936,-75.6743877085573   | La Sultana | arbol       | 6.4       | 5.01-10.00 mts  |
| Aguacate          | 4.818352008631672,-75.6743739102584   | La Sultana | arbol       | 9.7       | 5.01-10.00 mts  |
| Palma areca       | 4.818245096410114,-75.674859207451849 | La Sultana | Palma       | 9.2       | 5.01-10.00 mts  |
| Mango             | 4.8181786106959705,-75.67432802170515 | La Sultana | arbol       | 6.5       | 5.01-10.00 mts  |
| Araucaria         | 4.8180282741207306,-75.67431729286908 | La Sultana | arbol       | 8         | 5.01-10.00 mts  |
| Acacia amarilla   | 4.8179063307407235,-75.6743498146634  | La Sultana | arbol       | 9.2       | 5.01-10.00 mts  |
| Guayabo dulce     | 4.817842185173149,-75.67435848437953  | La Sultana | arbol       | 6         | 5.01-10.00 mts  |
| Guayabo dulce     | 4.8178381780749796,-75.67434310913088 | La Sultana | arbol       | 5.9       | 5.01-10.00 mts  |
| Carabobo          | 4.817764341848036,-75.67437529563004  | La Sultana | arbol       | 3.2       | 2.01-5.00 mts   |
| Naranjo           | 4.817727591774347,-75.67433942109346  | La Sultana | arbol       | 4.8       | 2.01-5.00 mts   |
| Guayabo dulce     | 4.817713894019834,-75.67434310913088  | La Sultana | arbol       | 5         | 2.01-5.00 mts   |
| Cipres            | 4.817683157594084,-75.67433637888445  | La Sultana | arbol       | 0.45-4.5  | 0.00-2.00 mts   |
| Naranjo           | 4.817649748434092,-75.67446246743202  | La Sultana | arbol       | 0.48-4.8  | 0.00-2.00 mts   |
| Mango             | 4.817617796492225,-75.67444536834955  | La Sultana | arbol       | 7.3       | 5.01-10.00 mts  |
| Mango             | 4.817632830610705,-75.67448431866407  | La Sultana | arbol       | 8.2       | 5.01-10.00 mts  |
| Palma areca       | 4.817752314550049,-75.67459389957375  | La Sultana | Palma       | 6.8       | 5.01-10.00 mts  |
| Casco de vaca     | 4.817043414894225,-75.67480813711882  | La Sultana | arbol       | 5.8       | 5.01-10.00 mts  |
| Acacia amarilla   | 4.817663794473214,-75.67483482393084  | La Sultana | arbol       | 5.9       | 5.01-10.00 mts  |
| Pino libro        | 4.81822271209285,-75.67516922950745   | La Sultana | arbol       | 5.8       | 5.01-10.00 mts  |
| Pino libro        | 4.8182227153006006,-75.67516922950745 | La Sultana | arbol       | 6.1       | 5.01-10.00 mts  |
| Cipres            | 4.818223049391929,-75.67529361895051  | La Sultana | arbol       | 2         | 0.00-2.00 mts   |
| Guayabo dulce     | 4.818238413044848,-75.67534826995919  | La Sultana | arbol       | 0.85-8.50 | 0.00-2.00 mts   |
| Martin Galviz     | 4.817418222910217,-75.67480730671883  | La Sultana | arbol       | 3.2       | 2.01-5.00 mts   |
| Pino azul         | 4.817694850790697,-75.67484501749277  | La Sultana | arbol       | 2.1       | 2.01-5.00 mts   |
| Cipres            | 4.8177128017450075,-75.674886917325   | La Sultana | arbol       | 3.8       | 2.01-5.00 mts   |
| Mandarina         | 4.817670482113492,-75.67497007548809  | La Sultana | arbol       | 9.5       | 5.01-10.00 mts  |
| Palma areca       | 4.817758822896325,-75.6750528889141   | La Sultana | Palma       | 2.3       | 2.01-5.00 mts   |
| Palma areca       | 4.817742291803254,-75.67506093631847  | La Sultana | Palma       | 8.5       | 5.01-10.00 mts  |
| Acacia amarilla   | 4.817763339571376,-75.6750850751996   | La Sultana | arbol       | 9         | 5.01-10.00 mts  |
| Palma funebre     | 4.817757329234014,-75.67508090851313  | La Sultana | Palma       | 2.4       | 2.01-5.00 mts   |
| Acacia amarilla   | 4.817808107837918,-75.67511558532715  | La Sultana | arbol       | 8.2       | 5.01-10.00 mts  |
| Aguacate          | 4.817868571578701,-75.67521046847105  | La Sultana | arbol       | 7         | 5.01-10.00 mts  |
| Acacia amarilla   | 4.817982503994376,-75.67548427249008  | La Sultana | arbol       | 8.2       | 5.01-10.00 mts  |
| Casco de vaca     | 4.818021926383891,-75.6754944473505   | La Sultana | arbol       | 8.2       | 5.01-10.00 mts  |
| Mango             | 4.818061683262123,-75.67549478262683  | La Sultana | arbol       | 0.72-7.2  | 0.00-2.00 mts   |
| Laurel pena       | 4.818097765132987,-75.675594943263031 | La Sultana | arbol       | 0.73-7.3  | 0.00-2.00 mts   |
| Almendra          | 4.8180506787137056,-75.675591837852   | La Sultana | arbol       | 4.6       | 2.01-5.00 mts   |
| Urapan            | 4.817850203869427,-75.67553345954884  | La Sultana | arbol       | 10.5-14.0 | 5.01-15.00 mts  |
| Palma yuca        | 4.817803430956478,-75.675596291392679 | La Sultana | Arbusto     | 0.65-6.50 | 0.00-2.00 mts   |
| Palma areca       | 4.817750978183831,-75.675484059739057 | La Sultana | Palma       | 8.5       | 5.01-10.00 mts  |
| Guayaba peruana   | 4.81773194964737,-75.6754793992048    | La Sultana | arbol       | 3.6       | 2.01-5.00 mts   |
| Mandarina         | 4.817666118922696,-75.6754038752011   | La Sultana | arbol       | 3.2       | 2.01-5.00 mts   |
| Mandarina         | 4.817599988782659,-75.67535795469074  | La Sultana | arbol       | 2.6       | 2.01-5.00 mts   |
| Mango             | 4.8175752480013985,-75.67530769864784 | La Sultana | arbol       | 4.5       | 2.01-5.00 mts   |
| Palma areca       | 4.817565891435277,-75.67530233412981  | La Sultana | Palma       | 8.2       | 5.01-10.00 mts  |
| Guayabo dulce     | 4.817564595068677,-75.67529730498791  | La Sultana | arbol       | 0.41-4.10 | 0.00-2.00 mts   |
| Palma areca       | 4.81754217002776,-75.67527517676303   | La Sultana | Palma       | 0.09-9    | 0.00-2.00 mts   |
| Naranjo           | 4.817825480997283,-75.675448179245    | La Sultana | arbol       | 3.5       | 2.01-5.00 mts   |
| Calistemo         | 4.817948421717405,-75.67571807652713  | La Sultana | arbol       | 4.5       | 2.01-5.00 mts   |
| Acacia amarilla   | 4.818212358469399,-75.67569997161827  | La Sultana | arbol       | 8         | 5.01-10.00 mts  |
| Palma areca       | 4.817289861605,-75.67539922893047     | La Sultana | Palma       | 7         | 5.01-10.00 mts  |
| Palma areca       | 4.8173089749083635,-75.67541768911746 | La Sultana | Palma       | 6.5       | 5.01-10.00 mts  |
| Palma areca       | 4.817383477370255,-75.675200598884    | La Sultana | Palma       | 7         | 5.01-10.00 mts  |
| Acacia amarilla   | 4.817447288889412,-75.67557893899447  | La Sultana | arbol       | 7.8       | 5.01-10.00 mts  |
| Achote            | 4.817574243726457,-75.6757314875722   | La Sultana | arbol       | 5.4       | 5.01-10.00 mts  |
| Acacia amarilla   | 4.817639391594183,-75.67578580230474  | La Sultana | arbol       | 6.3       | 5.01-10.00 mts  |
| Palma areca       | 4.817658768907447,-75.67581798881202  | La Sultana | Palma       | 4.6       | 2.01-5.00 mts   |
| Acacia amarilla   | 4.81769889898872,-75.67588961550808   | La Sultana | arbol       | 6.7       | 5.01-10.00 mts  |
| Acacia amarilla   | 4.817753650918202,-75.6759313121438   | La Sultana | arbol       | 4.3       | 2.01-5.00 mts   |
| Acacia amarilla   | 4.817784387338848,-75.67595981061459  | La Sultana | arbol       | 0.94-9.4  | 0.00-2.00 mts   |
| Acacia amarilla   | 4.817866573853205,-75.67602183669806  | La Sultana | arbol       | 8.2       | 5.01-10.00 mts  |
| Palma areca       | 4.817113531191538,-75.67561715841293  | La Sultana | Palma       | 7.9       | 5.01-10.00 mts  |
| Casco de vaca     | 4.817128231233741,-75.67559067159891  | La Sultana | arbol       | 8.3       | 5.01-10.00 mts  |
| Palma areca       | 4.8171365830320,-75.675651691854      | La Sultana | Palma       | 0.72-7.2  | 0.00-2.00 mts   |
| Palma areca       | 4.817160304051966,-75.67567080259323  | La Sultana | Palma       | 9.5       | 5.01-10.00 mts  |
| Palma areca       | 4.817173867725775,-75.67568186670543  | La Sultana | Palma       | 3.5       | 2.01-5.00 mts   |
| Casco de vaca     | 4.817263538425374,-75.67576196242361  | La Sultana | arbol       | 9.7       | 5.01-10.00 mts  |
| Cedro japonés     | 4.817287930304398,-75.67581195384264  | La Sultana | arbol       | 3.8       | 2.01-5.00 mts   |
| Mifonaria careada | 4.817286924850824,-75.67582536488771  | La Sultana | Arbusto     | 0.42-4.2  | 0.00-2.00 mts   |
| Casco de vaca     | 4.817334365882841,-75.6758606888103   | La Sultana | arbol       | 0.32-3.20 | 0.00-2.00 mts   |
| Pino libro        | 4.817517114052715,-75.67605167627335  | La Sultana | arbol       | 2.7       | 2.01-5.00 mts   |
| Mandarina         | 4.817511788589595,-75.67604698240757  | La Sultana | arbol       | 6.5       | 5.01-10.00 mts  |
| Acacia amarilla   | 4.81759625291417,-75.67614052444695   | La Sultana | arbol       | 0.35-3.50 | 0.00-2.00 mts   |
| Acacia amarilla   | 4.81762082463561,-75.67619634070873   | La Sultana | arbol       | 5.2       | 5.01-10.00 mts  |
| Aguacate          | 4.817687500784767,-75.67658409476279  | La Sultana | arbol       | 8.3       | 5.01-10.00 mts  |
| Palma yuca        | 4.817703203089301,-75.67659951748464  | La Sultana | Arbusto     | 7.8       | 5.01-10.00 mts  |
| Palma areca       | 4.817910005747019,-75.67666456103325  | La Sultana | Palma       | 9.5       | 5.01-10.00 mts  |
| Palma areca       | 4.817743645920213,-75.6765526101588   | La Sultana | Palma       | 6.9       | 5.01-10.00 mts  |
| Palma areca       | 4.8177486305429145,-75.67651972174644 | La Sultana | Palma       | 8.2       | 5.01-10.00 mts  |
| Palma areca       | 4.817702200814551,-75.67648373063326  | La Sultana | Palma       | 6.8       | 5.01-10.00 mts  |
| Palma areca       | 4.817782387789591,-75.67632066772709  | La Sultana | Palma       | 5.3       | 5.01-10.00 mts  |
| Acacia amarilla   | 4.8179002657344296,-75.67616131156883 | La Sultana | arbol       | 5.6       | 5.01-10.00 mts  |

| NOM_COM           | COORDENADA                             | BARRIO     | HAB_CRECH | H_mts_1    | Ranqueo_aktu    |
|-------------------|--|------------|-----------|------------|-----------------|
| Acacia amarilla   | 4 818018919590855 -75 67500291523696   | La Sultana | arbol     | 5,9        | 5.01-10.00 mts  |
| Acacia amarilla   | 4 81833129497306 -75 67578379064798    | La Sultana | arbol     | 12         | 10.01-15.00 mts |
| Acacia amarilla   | 4 818509609689526 -75 67591790109673   | La Sultana | arbol     | 9,2        | 5.01-10.00 mts  |
| Acacia amarilla   | 4 8186590384330295 -75 6760748103261   | La Sultana | arbol     | 8,6        | 5.01-10.00 mts  |
| Palma areca       | 4 81868877254136 -75 67610934376717    | La Sultana | Palma     | 0,90-2     | 0.00-2.00 mts   |
| arbol pulpo       | 4 81872619528971 -75 676115360002191   | La Sultana | arbol     | 7,9        | 5.01-10.00 mts  |
| Acacia amarilla   | 4 8188033794168445 -75 6762270256677   | La Sultana | arbol     | 0,65-5     | 0.00-2.00 mts   |
| Acacia amarilla   | 4 8188798726222375 -75 67632023045006  | La Sultana | arbol     | 0,81-8     | 0.00-2.00 mts   |
| Palma areca       | 4 81691274194702 -75 6754062813859     | La Sultana | Palma     | 8          | 5.01-10.00 mts  |
| Pino libro        | 4 818391431399564 -75 6761137029582    | La Sultana | arbol     | 5          | 2.01-5.00 mts   |
| Palma areca       | 4 818381742753437 -75 6761023029685    | La Sultana | Palma     | 10         | 5.01-10.00 mts  |
| Palma manila      | 4 8182103539214145 -75 676230004317284 | La Sultana | Palma     | 6,3        | 5.01-10.00 mts  |
| Palma areca       | 4 818160574311023 -75 67633330821901   | La Sultana | Palma     | 8,4        | 5.01-10.00 mts  |
| Palma areca       | 4 8180960264503885 -75 67639499902725  | La Sultana | Palma     | 8,1        | 5.01-10.00 mts  |
| Acacia amarilla   | 4 818114469702182 -75 67631755024195   | La Sultana | arbol     | 0,36-3,6   | 0.00-2.00 mts   |
| Almendro          | 4 817973483125295 -75 6764892116189    | La Sultana | arbol     | 4,9        | 2.01-5.00 mts   |
| Palma areca       | 4 817924371680526 -75 6765341386199    | La Sultana | Palma     | 5          | 2.01-5.00 mts   |
| Palma areca       | 4 817881607970608 -75 6765630893441    | La Sultana | Palma     | 0,68-8     | 0.00-2.00 mts   |
| Casco de vaca     | 4 817972480850592 -75 67604518715143   | La Sultana | arbol     | 1,15-15,10 | 0.00-2.00 mts   |
| Mango             | 4 817972814943409 -75 67676760325551   | La Sultana | arbol     | 7,5        | 5.01-10.00 mts  |
| Palma areca       | 4 820988317674457 -75 67605134090722   | La Sultana | Palma     | 3,8        | 2.01-5.00 mts   |
| Palma areca       | 4 820717704747412 -75 67623037844896   | La Sultana | Palma     | 6,3        | 5.01-10.00 mts  |
| Palma areca       | 4 820451109878124 -75 6759574636817    | La Sultana | Palma     | 5,4        | 5.01-10.00 mts  |
| Palma areca       | 4 820447759893053 -75 676047195295992  | La Sultana | Palma     | 2,5        | 2.01-5.00 mts   |
| Palma areca       | 4 820425448239037 -75 6759888436151    | La Sultana | Palma     | 3,7        | 2.01-5.00 mts   |
| Palma areca       | 4 820183404467622 -75 67605100572109   | La Sultana | Palma     | 7,5        | 5.01-10.00 mts  |
| Acacia amarilla   | 4 820189121768554 -75 67591119557619   | La Sultana | arbol     | 3,3        | 2.01-5.00 mts   |
| Acacia amarilla   | 4 82018316637735 -75 6758788867202     | La Sultana | arbol     | 2,6        | 2.01-5.00 mts   |
| Acacia amarilla   | 4 820180842184483 -75 67578794378671   | La Sultana | arbol     | 3,9        | 2.01-5.00 mts   |
| Palma quency      | 4 819914217581997 -75 6758401170373    | La Sultana | Palma     | 7,9        | 5.01-10.00 mts  |
| Palma quency      | 4 819846731298651 -75 67608252167702   | La Sultana | Palma     | 3,8 - 6,40 | 5.01-10.00 mts  |
| Palma areca       | 4 819797285888919 -75 6760650873184    | La Sultana | Palma     | 4,6        | 2.01-5.00 mts   |
| Achote            | 4 819730488230643 -75 6757669156551    | La Sultana | arbol     | 6,4        | 5.01-10.00 mts  |
| Casco de vaca     | 4 8195968311537611 -75 67588236182928  | La Sultana | arbol     | 3,5        | 2.01-5.00 mts   |
| Casco de vaca     | 4 819525404295925 -75 67591488361359   | La Sultana | arbol     | 5,8        | 5.01-10.00 mts  |
| Guayacan amarillo | 4 819528342950696 -75 67591320723295   | La Sultana | arbol     | 4          | 2.01-5.00 mts   |
| Casco de vaca     | 4 819551395207556 -75 67593801766634   | La Sultana | arbol     | 6,3        | 5.01-10.00 mts  |
| Palma areca       | 4 819576786098257 -75 6759225949645    | La Sultana | Palma     | 6,2        | 5.01-10.00 mts  |
| Palma areca       | 4 81948398888165 -75 6759349865198     | La Sultana | Palma     | 6,7        | 5.01-10.00 mts  |
| Casco de vaca     | 4 819514311141799 -75 6759725511074    | La Sultana | arbol     | 6,3        | 5.01-10.00 mts  |
| Casco de vaca     | 4 819504288420972 -75 6760161370039    | La Sultana | arbol     | 5,4        | 5.01-10.00 mts  |
| Guayacan amarillo | 4 819428448828618 -75 67605536431074   | La Sultana | arbol     | 2,5        | 2.01-5.00 mts   |
| Eucalipto         | 4 819552073990405 -75 6764498431208    | La Sultana | arbol     | 25         | 15.01-28.00 mts |
| Pino libro        | 4 81939637711741 -75 6764318794012     | La Sultana | arbol     | 2,1        | 2.01-5.00 mts   |
| Acacia amarilla   | 4 81943145664522 -75 67609145525694    | La Sultana | arbol     | 10,2       | 10.01-15.00 mts |
| Acacia amarilla   | 4 8193962940627 -75 6771973479883      | La Sultana | arbol     | 12,2       | 10.01-15.00 mts |
| Palma robelini    | 4 81944849527236 -75 67732103168964    | La Sultana | Palma     | 0,36-3,6   | 0.00-2.00 mts   |
| Palma quency      | 4 81931118307062 -75 67756410688162    | La Sultana | Palma     | 0,95-9,5   | 0.00-2.00 mts   |
| arbol de navidad  | 4 8193111518061714 -75 67772101610899  | La Sultana | Arbusto   | 3,6        | 2.01-5.00 mts   |
| Casco de vaca     | 4 819172536278301 -75 67604958671331   | La Sultana | arbol     | 0.07-7     | 0.00-2.00 mts   |
| Casco de vaca     | 4 819157836280321 -75 67607473242283   | La Sultana | arbol     | 7,2        | 5.01-10.00 mts  |
| Casco de vaca     | 4 819019188959431 -75 67601270633936   | La Sultana | arbol     | 16         | 15.01-28.00 mts |
| Casco de vaca     | 4 818991124917301 -75 67618973213434   | La Sultana | arbol     | 5,4        | 5.01-10.00 mts  |
| Palma areca       | 4 81893234907783 -75 67621896886125    | La Sultana | Palma     | 10,5       | 10.01-15.00 mts |
| Araucaria         | 4 818856486251582 -75 6762426057541    | La Sultana | arbol     | 0,95-9,5   | 0.00-2.00 mts   |
| Pino occarpa      | 4 8187529180290385 -75 67615218120813  | La Sultana | arbol     | 0.00-9     | 0.00-2.00 mts   |
| Pino occarpa      | 4 818771293037422 -75 67618000912686   | La Sultana | arbol     | 17         | 15.01-28.00 mts |
| Pino occarpa      | 4 8188645044399015 -75 6761954318285   | La Sultana | arbol     | 10         | 5.01-10.00 mts  |
| Pino occarpa      | 4 818870518074079 -75 6761502220068    | La Sultana | arbol     | 17         | 15.01-28.00 mts |
| Pino occarpa      | 4 818903927174061 -75 67609417843819   | La Sultana | arbol     | 0.16-16    | 0.00-2.00 mts   |
| Mifonaria careada | 4 8188584907976715 -75 6761300298378   | La Sultana | Arbusto   | 0.78-7,8   | 0.00-2.00 mts   |
| Suingia           | 4 818877533985201 -75 67788328975439   | La Sultana | arbol     | 0,83-8,3   | 0.00-2.00 mts   |
| Suingia           | 4 81883076124295 -75 67760595992057    | La Sultana | arbol     | 8,9        | 5.01-10.00 mts  |
| Suingia           | 4 818814300783288 -75 67773409187794   | La Sultana | arbol     | 10,8       | 10.01-15.00 mts |
| Suingia           | 4 818783274852009 -75 67769721150398   | La Sultana | arbol     | 11         | 10.01-15.00 mts |
| Suingia           | 4 818788620308955 -75 67767944188926   | La Sultana | arbol     | 13         | 10.01-15.00 mts |
| Suingia           | 4 818775302130083 -75 67769117653371   | La Sultana | arbol     | 10,5       | 10.01-15.00 mts |
| Acacia amarilla   | 4 81874289529699 -75 67769593512335    | La Sultana | arbol     | 8,6        | 5.01-10.00 mts  |
| Suingia           | 4 818751915759841 -75 67766096640615   | La Sultana | arbol     | 0,68-8     | 0.00-2.00 mts   |
| Guayacan rosado   | 4 818685765721483 -75 67763786762953   | La Sultana | arbol     | 0,95-9,5   | 0.00-2.00 mts   |
| Palma areca       | 4 818904595396044 -75 67752595012703   | La Sultana | Palma     | 2,8        | 2.01-5.00 mts   |
| Palma areca       | 4 81899606809969 -75 67752420902252    | La Sultana | Palma     | 7,3        | 5.01-10.00 mts  |
| Palma areca       | 4 818997472545294 -75 67749235779047   | La Sultana | Palma     | 8,8        | 5.01-10.00 mts  |
| Mango             | 4 819011504464878 -75 67747699981251   | La Sultana | arbol     | 8,2        | 5.01-10.00 mts  |
| Benjamin          | 4 819230020356122 -75 67725364118814   | La Sultana | arbol     | 0,32-3,2   | 0.00-2.00 mts   |
| Palma areca       | 4 819154495371653 -75 67694371549467   | La Sultana | Palma     | 5          | 2.01-5.00 mts   |
| Almendro          | 4 818821072603082 -75 67733645439148   | La Sultana | arbol     | 4,5        | 2.01-5.00 mts   |
| Araucaria         | 4 818701802094031 -75 67713260950639   | La Sultana | arbol     | 3,8        | 2.01-5.00 mts   |
| Palma areca       | 4 818811383963061 -75 67696999758482   | La Sultana | Palma     | 7          | 5.01-10.00 mts  |
| Vainillo          | 4 818860829434758 -75 67654523800821   | La Sultana | arbol     | 10,5       | 10.01-15.00 mts |
| Urapan            | 4 818836774881408 -75 67655358463526   | La Sultana | arbol     | 9          | 5.01-10.00 mts  |
| Acacia amarilla   | 4 818747572571965 -75 67662432789803   | La Sultana | arbol     | 9,8        | 5.01-10.00 mts  |
| Palma areca       | 4 818765613489414 -75 67656375948686   | La Sultana | Palma     | 8,2        | 5.01-10.00 mts  |
| Palma areca       | 4 818230085775401 -75 67644059685805   | La Sultana | Palma     | 10         | 5.01-10.00 mts  |
| Palma areca       | 4 818334726837188 -75 67650932818651   | La Sultana | Palma     | 8,9        | 5.01-10.00 mts  |
| Palma areca       | 4 818496670133185 -75 67662365734577   | La Sultana | Palma     | 0,08-8     | 0.00-2.00 mts   |
| Acacia amarilla   | 4 818573845194112 -75 67680403590202   | La Sultana | arbol     | 9,7        | 5.01-10.00 mts  |
| Acacia amarilla   | 4 818495333768397 -75 67699715495111   | La Sultana | arbol     | 9,5        | 5.01-10.00 mts  |
| Acacia amarilla   | 4 818386420030894 -75 67697200024158   | La Sultana | arbol     | 7          | 5.01-10.00 mts  |
| Palma areca       | 4 818354013173026 -75 67702595342188   | La Sultana | Palma     | 7          | 5.01-10.00 mts  |
| Palma robelini    | 4 818130526552004 -75 67659348204937   | La Sultana | Palma     | 5,2        | 5.01-10.00 mts  |
| Palma robelini    | 4 818166253864069 -75 67661896348      | La Sultana | Palma     | 6,5        | 5.01-10.00 mts  |
| Almendro          | 4 818222047117944 -75 67668803036213   | La Sultana | arbol     | 6,5        | 5.01-10.00 mts  |
| Palma robelini    | 4 818247772149629 -75 67670445880235   | La Sultana | Palma     | 6,2        | 5.01-10.00 mts  |
| ebano ornamental  | 4 81830389488102 -75 67674838006496    | La Sultana | arbol     | 4,8        | 2.01-5.00 mts   |
| Palma robelini    | 4 818343990441323 -75 67680940032005   | La Sultana | Palma     | 6,5        | 5.01-10.00 mts  |
| Aguate            | 4 81850589520091 -75 67749369889498    | La Sultana | arbol     | 7          | 5.01-10.00 mts  |
| Suingia           | 4 818557474273965 -75 67746888846159   | La Sultana | arbol     | 9,2        | 5.01-10.00 mts  |
| Araucaria         | 4 818245767601746 -75 6772144138813    | La Sultana | arbol     | 11         | 10.01-15.00 mts |
| Palma robelini    | 4 818851808977357 -75 67602887740673   | La Sultana | Palma     | 4,8        | 2.01-5.00 mts   |
| Almendro          | 4 819007829464537 -75 67592024803182   | La Sultana | arbol     | 9,2        | 5.01-10.00 mts  |
| Palma areca       | 4 819403727113896 -75 67547868937254   | La Sultana | Palma     | 8,7        | 5.01-10.00 mts  |
| Palma areca       | 4 818754922575432 -75 67572109401226   | La Sultana | Palma     | 9,5        | 5.01-10.00 mts  |
| Palma areca       | 4 818071413551032 -75 67557826638222   | La Sultana | Palma     | 8,2        | 5.01-10.00 mts  |
| Palma areca       | 4 818093463553043 -75 67556384950676   | La Sultana | Palma     | 10         | 5.01-10.00 mts  |
| Palma areca       | 4 819038569830378 -75 67548338323832   | La Sultana | Palma     | 8,5        | 5.01-10.00 mts  |
| Palma areca       | 4 81918556682171 -75 67537106573583    | La Sultana | Palma     | 7,2        | 5.01-10.00 mts  |
| Palma areca       | 8208 - 75 6758                         | La Sultana | Palma     | 1,2        | 0.00-5.00 mts   |
| Palma areca       | 8208 - 75 6757                         | La Sultana | Palma     | 1,3        | 0.00-5.00 mts   |
| Palma areca       | 8203 - 75 6757                         | La Sultana | Palma     | 2,4        | 0.00-5.00 mts   |
| Palma areca       | 8203 - 75 6757                         | La Sultana | Palma     | 2,5        | 0.00-5.00 mts   |
| Palma areca       | 8201 - 75 6757                         | La Sultana | Palma     | 2,2        | 0.00-5.00 mts   |
| Palma quency      | 8201 - 75 6756                         | La Sultana | Palma     | 8,3        | 0.00-5.00 mts   |

| NOM_COM                      | COORDENADA                            | BARRIO                             | HAB_CRECH | H_mts_1  | Rango_ajtu      |
|------------------------------|---------------------------------------|------------------------------------|-----------|----------|-----------------|
| Palma quency                 | 4 8200-75.6799                        | La Sultana                         | Palma     | 2,3      | 0,00-5,00 mts   |
| Palma areca                  | 4 8200-75.6796                        | La Sultana                         | Palma     | 2,2      | 0,00-5,00 mts   |
| Guayacan rosado              | 4 8199-75.6967                        | La Sultana                         | arbol     | 2,3      | 0,00-5,00 mts   |
| Francoesina                  | 4 8199-75.6799                        | La Sultana                         | Arbusto   | 2,3      | 0,00-5,00 mts   |
| Francoesina                  | 4 8199-75.6799                        | La Sultana                         | Arbusto   | 2        | 0,00-5,00 mts   |
| Francoesina                  | 4 8199-75.6799                        | La Sultana                         | Arbusto   | 2,4      | 0,00-5,00 mts   |
| Palma areca                  | 4 8199-75.6790                        | La Sultana                         | Palma     | 5,3      | 5,01-15,00 mts  |
| Palma areca                  | 4 8199-75.6790                        | La Sultana                         | Palma     | 2,2      | 0,00-5,00 mts   |
| Palma areca                  | 4 8191-5.6747                         | La Sultana                         | Palma     | 6,3      | 5,01-15,00 mts  |
| Palma areca                  | 4 8175-75.6756                        | La Sultana                         | Palma     | 7,5      | 5,01-15,00 mts  |
| Palma areca                  | 4 8190-75.6790                        | La Sultana                         | Palma     | 5,6      | 5,01-15,00 mts  |
| Palma areca                  | 4 8199-75.6790                        | La Sultana                         | Palma     | 5,3      | 5,01-15,00 mts  |
| Palma areca                  | 4 8196-75.6790                        | La Sultana                         | Palma     | 5,3      | 5,01-15,00 mts  |
| Palma areca                  | 4 8156-75.6756                        | La Sultana                         | Palma     | 2,2      | 0,00-5,00 mts   |
| Palma manilla                | 4 81825931-75.67626091                | La Sultana                         | Palma     | 3        | 0,00-5,00       |
| Palma areca                  | 4 81789835-75.6785001                 | La Sultana                         | Palma     | 4        | 0,00-5,00       |
| Palma areca                  | 4 8179794-75.67547947                 | La Sultana                         | Palma     | 4        | 0,00-5,00       |
| Palma areca                  | 4 82000295-75.6717326                 | La Sultana                         | Palma     | 4        | 0,00-5,00       |
| Palma areca                  | 4 8188-75.6768                        | La Sultana                         | Palma     | 2,6      | 0,00-5,00 mts   |
| Palma areca                  | 4 8185-75.6771                        | La Sultana                         | Palma     | 4,5      | 0,00-5,00 mts   |
| Palma areca                  | 4 8185-75.6771                        | La Sultana                         | Palma     | 3,1      | 0,00-5,00 mts   |
| Palma areca                  | 4 8184-75.6772                        | La Sultana                         | Palma     | 3,3      | 0,00-5,00 mts   |
| Palma areca                  | 4 8191-75.6756                        | La Sultana                         | Palma     | 3,2      | 0,00-5,00 mts   |
| Palma areca                  | 4 8188-75.6757                        | La Sultana                         | Palma     | 2,6      | 0,00-5,00 mts   |
| Palma areca                  | 4 8185N-75.6750W                      | La Sultana                         | Palma     | 2,2      | 0,00-5,00 mts   |
| Palma areca                  | 4 8185N-75.6750W                      | La Sultana                         | Palma     | 3,4      | 0,00-5,00 mts   |
| Palma areca                  | 4 8193-75.6765                        | La Sultana                         | Palma     | 4,1      | 0,00-5,00 mts   |
| Palma areca                  | 4 8191-75.6747                        | La Sultana                         | Palma     | 3,2      | 0,00-5,00 mts   |
| Palma areca                  | 4 8193-75.6773                        | La Sultana                         | Palma     | 4,2      | 0,00-5,00 mts   |
| Palma areca                  | 4 8202-75.6756                        | La Sultana                         | Palma     | 2,1      | 0,00-5,00 mts   |
| Palma areca                  | 4 8201-75.6756                        | La Sultana                         | Palma     | 2,3      | 0,00-5,00 mts   |
| Palma areca                  | 4 8202-75.6757                        | La Sultana                         | Palma     | 2,5      | 0,00-5,00 mts   |
| Palma areca                  | 4 8208-75.6757                        | La Sultana                         | Palma     | 1,6      | 0,00-5,00 mts   |
| Palma areca                  | 4 8207-75.6759                        | La Sultana                         | Palma     | 1,7      | 0,00-5,00 mts   |
| Palma corozo                 | 4 8198-75.6745                        | La Sultana                         | Palma     | 10,6     | 5,01-15,00 mts  |
| Palma areca                  | 4 8194-75.6745                        | La Sultana                         | Palma     | 1,9      | 0,00-5,00 mts   |
| Palma areca                  | 4 8190-75.6743                        | La Sultana                         | Palma     | 4,3      | 0,00-5,00 mts   |
| Palma areca                  | 4 8188-75.6741                        | La Sultana                         | Palma     | 5,3      | 0,00-5,00 mts   |
| Palma areca                  | 4 8182-75.6740                        | La Sultana                         | Palma     | 4,1      | 0,00-5,00 mts   |
| Palma areca                  | 4 8178-75.6746                        | La Sultana                         | Palma     | 1,7      | 0,00-5,00 mts   |
| Palma areca                  | 4 8177-75.6754                        | La Sultana                         | Palma     | 4,1      | 0,00-5,00 mts   |
| Palma areca                  | 4 8175-75.6756                        | La Sultana                         | Palma     | 2,4      | 0,00-5,00 mts   |
| Palma areca                  | 4 8175-75.6756                        | La Sultana                         | Palma     | 2,3      | 0,00-5,00 mts   |
| Palma manilla                | 4 8184N-75.6762W                      | La Sultana                         | Palma     | 4,1      | 0,00-5,00 mts   |
| Palma areca                  | 48197-756738                          | La Sultana                         | Palma     | 1,9      | 0,00-5,00 mts   |
| Palma areca                  | 48197-756738                          | La Sultana                         | Palma     | 1,7      | 0,00-5,00 mts   |
| Palma robelini               | 4 8184N-75.6769W                      | La Sultana                         | Palma     | 2,3      | 0,00-5,00 mts   |
| Sauce playero                | 4 8205N-75.6757W                      | La Sultana                         | arbol     | 5,8      | 5,01-15,00 mts  |
| Palma quency                 | 4 8201N-75.6729W                      | La Sultana                         | Palma     | 6,3      | 5,01-15,00 mts  |
| Palma quency                 | 4 8201N-75.6729W                      | La Sultana                         | Palma     | 5,9      | 5,01-15,00 mts  |
| Acacia amarilla              | 4 8198N-75.6754W                      | La Sultana                         | arbol     | 2,6      | 0,00-5,00 mts   |
| Casco de vaca                | 4 8191N-75.6749W                      | La Sultana                         | arbol     | 1,4      | 0,00-5,00 mts   |
| Guayabo dulce                | 4 8175N-75.6747W                      | La Sultana                         | arbol     | 3,2      | 0,00-5,00 mts   |
| Martin galviz                | 4 8175N-75.6747W                      | La Sultana                         | arbol     | 4,4      | 0,00-5,00 mts   |
| Acacia amarilla              | 4 8198N-75.6748W                      | La Sultana                         | arbol     | 12       | 5,01-15,00 mts  |
| Palma areca                  | 4 8137013-75.6772058                  | La Sultana - Villas de santamonica | Palma     | 4        | 0,00-5,00 mts   |
| Palma areca                  | 4 81837481-75.67720862                | La Sultana - Villas de santamonica | Palma     | 4        | 0,00-5,00 mts   |
| Palma areca                  | 4 81834364-75.67713482                | La Sultana - Villas de santamonica | Palma     | 6        | 0,00-5,00 mts   |
| Palma areca                  | 4 81838342-75.67700097                | La Sultana - Villas de santamonica | Palma     | 4        | 0,00-5,00 mts   |
| Palma areca                  | 4 81838458-75.67700755                | La Sultana - Villas de santamonica | Palma     | 6        | 0,00-5,00 mts   |
| Palma areca                  | 4 81863283-7567570381                 | La Sultana - Villas de santamonica | Palma     | 6        | 0,00-5,00 mts   |
| Palma areca                  | 4 81862445-7567576363                 | La Sultana - Villas de santamonica | Palma     | 4        | 0,00-5,00 mts   |
| Palma areca                  | 481927002-7567669915                  | La Sultana - Villas de santamonica | Palma     | 4        | 0,00-5,00 mts   |
| Sauce playero                | 4 8205-75.6757                        | La Sultana - Villas de santamonica | arbol     | 5,8      | 5,01-15,00 mts  |
| Palma areca                  | 4 8185-75.6769                        | La Sultana - Villas de santamonica | Palma     | 1,2      | 0,00-5,00 mts   |
| Palma Robelini               | 4 8184-75.6769                        | La Sultana - Villas de santamonica | Palma     | 2,3      | 0,00-5,00 mts   |
| Palma areca                  | 4 8185-75.6769                        | La Sultana - Villas de santamonica | Palma     | 2,4      | 0,00-5,00 mts   |
| Araucaria                    | 4 856010063945321,-75.6622902676463   | Las Acaacias                       | arbol     | 8,7      | 5,01-10,00 mts  |
| Casco de vaca                | 4 856014072817481,-75.66227618604898  | Las Acaacias                       | arbol     | 4,5      | 2,01-5,00 mts   |
| Clavellino                   | 4 855994696601810,-75.6623610109091   | Las Acaacias                       | Arbusto   | 5,3      | 5,01-10,00 mts  |
| Acacia amarilla              | 4 855994362529128,-75.66244918863045  | Las Acaacias                       | arbol     | 11       | 10,01-15,00 mts |
| Palma cubana                 | 4 856047814157213,-75.66234659403563  | Las Acaacias                       | Palma     | 15,6     | 15,01-24,00 mts |
| Palma quency                 | 4 856017079471583,-75.66228054463863  | Las Acaacias                       | Palma     | 4,6      | 2,01-5,00 mts   |
| Palma areca                  | 4 8560070572911815,-75.66240023821592 | Las Acaacias                       | Palma     | 4        | 2,01-5,00 mts   |
| Yarumo negro                 | 4 855979663330651,-75.66248640418053  | Las Acaacias                       | arbol     | 8,2      | 5,01-10,00 mts  |
| Yarumo negro                 | 4 85596946386938,-75.66251792013645   | Las Acaacias                       | arbol     | 6,5      | 5,01-10,00 mts  |
| Clavellino - Acacia amarilla | 4 85596902554114,-75.66254541277885   | Las Acaacias                       | Arbusto   | 10,6     | 10,01-15,00 mts |
| Cedro japonese               | 4 8558046092151885,-75.6624800330341  | Las Acaacias                       | arbol     | 4,2      | 2,01-5,00 mts   |
| Acacia amarilla              | 4 85592582594903,-75.66226847469807   | Las Acaacias                       | arbol     | 15       | 10,01-15,00 mts |
| Cipres                       | 4 8557317184340575,-75.66226948052645 | Las Acaacias                       | arbol     | 5,6      | 5,01-10,00 mts  |
| Guayacan rosado              | 4 855989299778574,-75.66232915967703  | Las Acaacias                       | arbol     | 2,5      | 2,01-5,00 mts   |
| ebano ornamental             | 4 855828662455123,-75.66222559303383  | Las Acaacias                       | arbol     | 3,4      | 2,01-5,00 mts   |
| Acacia amarilla              | 4 855781892265571,-75.66217593848704  | Las Acaacias                       | arbol     | 9,2      | 5,01-10,00 mts  |
| Higueron                     | 4 855819976963020,-75.66222757101059  | Las Acaacias                       | arbol     | 2,7      | 2,01-5,00 mts   |
| Dracena                      | 4 855973650022094,-75.6622912734747   | Las Acaacias                       | Arbusto   | 3,2      | 2,01-5,00 mts   |
| Palma yuca                   | 4 855880797769429,-75.6622302377186   | Las Acaacias                       | Arbusto   | 4,5      | 2,01-5,00 mts   |
| Palma areca                  | 4 85600955-75.76217439                | Las Acaacias                       | Palma     | 7        | 5,00-15,00      |
| Francoesina                  | 4 85571366-75.6624714                 | Las Acaacias                       | Arbusto   | 2        | 0,00-5,00       |
| Dracena                      | 4 85596049-75.66244367                | Las Acaacias                       | Arbusto   | 4        | 0,00-5,00       |
| Casco de vaca                | 4 85693916-75.66266438                | Las Acaacias                       | arbol     | 4        | 0,00-5,00       |
| Dracena                      | 4 85600713-75.66251566                | Las Acaacias                       | Arbusto   | 4        | 0,00-5,00       |
| Borrachero                   | 4 8560648-75.66836579                 | Las Acaacias                       | Arbusto   | 2        | 0,00-5,00       |
| Milfontaria careada          | 4 85608319-75.6623949                 | Las Acaacias                       | Arbusto   | 4        | 0,00-5,00       |
| Milfontaria careada          | 4 85617873-75.66246116                | Las Acaacias                       | Arbusto   | 4        | 0,00-5,00       |
| Palma yuca                   | 4 85614535-75.66242236                | Las Acaacias                       | Arbusto   | 3        | 0,00-5,00       |
| Mango                        | 4 85612321-75.66237287                | Las Acaacias                       | arbol     | 3        | 0,00-5,00       |
| Francoesina                  | 4 8559968-75.66231277                 | Las Acaacias                       | Arbusto   | 2        | 0,00-5,00       |
| San Joaquin                  | 4 85606173-75.66212174                | Las Acaacias                       | Arbusto   | 3        | 0,00-5,00       |
| Palma yuca                   | 4 85595111-75.66212751                | Las Acaacias                       | Arbusto   | 5        | 0,00-5,00       |
| Guayacan amarillo            | 4 85604693-75.66213468                | Las Acaacias                       | arbol     | 4        | 0,00-5,00       |
| Milfontaria careada          | 4 8559587-75.66213614                 | Las Acaacias                       | Arbusto   | 6        | 5,00-15,00      |
| Palma Areca                  | 4 8558-75.6781                        | Las Acaacias                       | Palma     | 8,4      | 5,00-15,00      |
| Palma quency                 | 4 8558-75.6781                        | Las Acaacias                       | Palma     | 9,5      | 5,00-15,00      |
| Palma quency                 | 4 8560-75.6622                        | Las Acaacias                       | Palma     | 7,2      | 5,00-15,00      |
| Palma Areca                  | 4 856102-75.662624                    | Las Acaacias                       | Palma     | 4,3      | 0,00-5,00 mts   |
| Francoesina                  | 4 85571366-75.6624714                 | Las Acaacias                       | Arbusto   | 2        | 0,00-5,00       |
| Dracena                      | 4 85596049-75.66244367                | Las Acaacias                       | Arbusto   | 4        | 0,00-5,00       |
| Palma quency                 | 4 8561-75.6624                        | Las Acaacias                       | Palma     | 4,1      | 0,00-5,00 mts   |
| Aguaite                      | 4 832645618786511,-75.66340640187263  | Las Colinas                        | arbol     | 4,9      | 2,01-5,00 mts   |
| Acacia amarilla              | 4 83308193264646,-75.66307301852703   | Las Colinas                        | arbol     | 3,8      | 2,01-5,00 mts   |
| Casco de vaca                | 4 833088280242669,-75.66386874765158  | Las Colinas                        | arbol     | 7,2      | 5,01-10,00 mts  |
| Acacia amarilla              | 4 832717112807313,-75.66413898020983  | Las Colinas                        | arbol     | 2,3      | 2,01-5,00 mts   |
| Acacia amarilla              | 4 832771902612534,-75.66419564187527  | Las Colinas                        | arbol     | 0,21-2,1 | 0,00-2,00 mts   |

| NOM_COM               | COORDENADA                            | BARRIO      | HAB_CRECH | H_mts_1     | Rancho_mts      |
|-----------------------|---------------------------------------|-------------|-----------|-------------|-----------------|
| Croto                 | 4.8320395872784 -75.66301245242357    | Las Colinas | Arbusto   | 2,9         | 2,01-5,00 mts   |
| Calamondin- Mandarin  | 4.832087363813333 -75.66308218985796  | Las Colinas | arbol     | 9           | 5,01-10,00 mts  |
| Dulucoco              | 4.832043928289696 -75.66311437639614  | Las Colinas | arbol     | 7           | 5,01-10,00 mts  |
| Aguaate               | 4.832078677618224 -75.66314991563559  | Las Colinas | arbol     | 5,9         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.832112754235017 -75.66320590674877  | Las Colinas | arbol     | 17,6        | 15,01-28,00 mts |
| Palma cubana          | 4.832165539582926 -75.66336885054643  | Las Colinas | Palma     | 9,9         | 5,01-10,00 mts  |
| Palma areca           | 4.832199950281215 -75.66340271383524  | Las Colinas | Palma     | 7,6         | 5,01-10,00 mts  |
| Palma areca           | 4.832174225778326 -75.66341746598492  | Las Colinas | Palma     | 8,1         | 5,01-10,00 mts  |
| Croto                 | 4.832176808453996 -75.66345099359751  | Las Colinas | Arbusto   | 3,6         | 2,01-5,00 mts   |
| Croto                 | 4.832126785783452 -75.66343624144793  | Las Colinas | Arbusto   | 3           | 2,01-5,00 mts   |
| Croto                 | 4.832110081559093 -75.66344360003757  | Las Colinas | Arbusto   | 0,31-3,1    | 0,00-2,00 mts   |
| Guayacan amarillo     | 4.8320512826861455 -75.66351903716612 | Las Colinas | arbol     | 10,9        | 10,01-15,00 mts |
| Palma quency          | 4.832031905783713 -75.66351469606161  | Las Colinas | Palma     | 4,1         | 2,01-5,00 mts   |
| Palma zanzona         | 4.8320058471699054 -75.663594626379   | Las Colinas | Palma     | 21          | 15,01-28,00 mts |
| Palma zanzona         | 4.831994154230823 -75.6636022544424   | Las Colinas | Palma     | 18          | 15,01-28,00 mts |
| Palma zanzona         | 4.831986804370735 -75.66363338381052  | Las Colinas | Palma     | 2,01-20,1   | 2,01-5,00 mts   |
| Palma areca           | 4.832036248882579 -75.66360756754875  | Las Colinas | Palma     | 4,8         | 2,01-5,00 mts   |
| Palma areca           | 4.832037251136159 -75.66377084702253  | Las Colinas | Palma     | 0,51-5,1    | 0,00-2,00 mts   |
| Pino libro            | 4.8329 -75.6640                       | Las Colinas | arbol     | 1,4         | 0,00-5,00 mts   |
| Palma quency          | 4.8329 -75.6640                       | Las Colinas | arbol     | 3,5         | 0,00-5,00 mts   |
| Croto                 | 4.8329 -75.6640                       | Las Colinas | arbol     | 2,8         | 0,00-5,00 mts   |
| Palma quency          | 4.8329 -75.6640                       | Las Colinas | arbol     | 4,9         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8330 -75.6640                       | Las Colinas | arbol     | 5           | 0,00-5,00 mts   |
| Tulipan afroano       | 4.8330 -75.6639                       | Las Colinas | arbol     | 3,2         | 0,00-5,00 mts   |
| ebano ornamental      | 4.8330 -75.6639                       | Las Colinas | arbol     | 2,8         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8330 -75.6639                       | Las Colinas | arbol     | 1,9         | 0,00-5,00 mts   |
| Casco de vaca         | 4.8332 -75.6639                       | Las Colinas | arbol     | 2,5         | 0,00-5,00 mts   |
| Dracena               | 4.8330 -75.6636                       | Las Colinas | arbol     | 3,2         | 0,00-5,00 mts   |
| Francoquina           | 4.8330 -75.6637                       | Las Colinas | arbol     | 4,8         | 0,00-5,00 mts   |
| Francoquina           | 4.8330 -75.6637                       | Las Colinas | arbol     | 4,3         | 0,00-5,00 mts   |
| Francoquina           | 4.8330 -75.6637                       | Las Colinas | arbol     | 3,5         | 0,00-5,00 mts   |
| Palma areca           | 4.8332 -75.6639                       | Las Colinas | arbol     | 2,5         | 0,00-5,00 mts   |
| Mango                 | 4.8332 -75.6638                       | Las Colinas | arbol     | 1,6         | 0,00-5,00 mts   |
| Tulipan afroano       | 4.8331 -75.6638                       | Las Colinas | arbol     | 2,5         | 0,00-5,00 mts   |
| Tulipan afroano       | 4.8332 -75.6638                       | Las Colinas | arbol     | 3,6         | 0,00-5,00 mts   |
| Guayacan de marizales | 4.8332 -75.6638                       | Las Colinas | arbol     | 4,8         | 0,00-5,00 mts   |
| Casco de vaca         | 4.8332 -75.6637                       | Las Colinas | arbol     | 3,9         | 0,00-5,00 mts   |
| Gulanday              | 4.8330 -75.6633                       | Las Colinas | arbol     | 2,5         | 0,00-5,00 mts   |
| Tulipan afroano       | 4.8329 -75.6632                       | Las Colinas | arbol     | 1,8         | 0,00-5,00 mts   |
| Gulanday              | 4.8329 -75.6632                       | Las Colinas | arbol     | 2,8         | 0,00-5,00 mts   |
| Guayacan amarillo     | 4.8329 -75.6632                       | Las Colinas | arbol     | 3,1         | 0,00-5,00 mts   |
| Mango                 | 4.8329 -75.6631                       | Las Colinas | arbol     | 4,8         | 0,00-5,00 mts   |
| Francoquina           | 4.8338 -75.6614                       | Las Colinas | arbol     | 4,2         | 0,00-5,00 mts   |
| Palma areca           | 4.8337 -75.6614                       | Las Colinas | arbol     | 3,8         | 0,00-5,00 mts   |
| Francoquina           | 4.8334N -75.6627W                     | Las Colinas | Arbusto   | 2,2         | 0,00-5,00 mts   |
| Aguaate               | 4.8334N -75.6627W                     | Las Colinas | arbol     | 1,9         | 0,00-5,00 mts   |
| Guayacan Rosado       | 4.8335N -75.6627W                     | Las Colinas | arbol     | 2,8         | 0,00-5,00 mts   |
| Guayacan Rosado       | 4.8335N -75.6627W                     | Las Colinas | arbol     | 2,5         | 0,00-5,00 mts   |
| Ciada                 | 4.8334N -75.6627W                     | Las Colinas | Palma     | 0,7         | 0,00-5,00 mts   |
| Casco de vaca         | 4.8332N -75.6638W                     | Las Colinas | arbol     | 2,8         | 0,00-5,00 mts   |
| Guayabo Dulce         | 4.8326N -75.6641W                     | Las Colinas | arbol     | 5,3         | 5,01-15,00 mts  |
| Guayabo Dulce         | 4.8325N -75.6641W                     | Las Colinas | arbol     | 7,2         | 5,01-15,00 mts  |
| Urapan                | 4.8322N -75.6638W                     | Las Colinas | arbol     | 8,4         | 5,01-15,00 mts  |
| Aguaate               | 4.8322N -75.6638W                     | Las Colinas | arbol     | 7,8         | 5,01-15,00 mts  |
| Higuerón              | 4.8321N -75.6637W                     | Las Colinas | arbol     | 3,5         | 0,00-5,00 mts   |
| Croto                 | 4.8321 -75.6630                       | Las Colinas | arbol     | 2,2         | 0,00-5,00 mts   |
| Cedro japonés         | 4.8321 -75.6630                       | Las Colinas | arbol     | 4,4         | 0,00-5,00 mts   |
| Palma areca           | 4.8321 -75.6634                       | Las Colinas | Palma     | 2,6         | 0,00-5,00 mts   |
| Siete cueros          | 4.8322 -75.6632                       | Las Colinas | arbol     | 2,2         | 0,00-5,00 mts   |
| Limon mandarino       | 4.8323 -75.6634                       | Las Colinas | arbol     | 2,9         | 0,00-5,00 mts   |
| Saman                 | 4.8323 -75.6633                       | Las Colinas | arbol     | 15,2        | 15,01-20,00 mts |
| Dracena               | 4.8322 -75.6634                       | Las Colinas | arbol     | 2,9         | 0,00-5,00 mts   |
| Araucaria             | 4.8321 -75.6634                       | Las Colinas | arbol     | 6,1         | 5,01-15,00 mts  |
| Palo de la cruz       | 4.8322 -75.6634                       | Las Colinas | arbol     | 8,2         | 5,01-15,00 mts  |
| Palma areca           | 4.8321 -75.6637                       | Las Colinas | Palma     | 3,3         | 0,00-5,00 mts   |
| Leucaena              | 4.8327 -75.6642                       | Las Colinas | arbol     | 4,2         | 0,00-5,00 mts   |
| ebano ornamental      | 4.8329 -75.6641                       | Las Colinas | arbol     | 1,3         | 0,00-5,00 mts   |
| Siete cueros          | 4.8328 -75.6639                       | Las Colinas | arbol     | 1,8         | 0,00-5,00 mts   |
| Palma quency          | 4.8321 -75.6634                       | Las Colinas | Palma     | 2,7         | 0,00-5,00 mts   |
| Quiebrabarrigo        | 4.8238-75.7104                        | Las Vegas   | arbol     | 3,3         | 0,00-5,00 mts   |
| limon mandarino       | 4.8238-75.7104                        | Las Vegas   | arbol     | 3,1         | 0,00-5,00 mts   |
| Leucaena              | 4.8240-75.7103                        | Las Vegas   | arbol     | 5,2         | 5,01-15,00 mts  |
| Jazmin de noche       | 4.8221 -75.7141                       | Las Vegas   | Arbusto   | 9,4         | 5,01-15,00 mts  |
| Guamo                 | 4.8234 -75.7112                       | Las Vegas   | arbol     | 2,2         | 0,00-5,00 mts   |
| guayabo               | 4.8236 -75.7103                       | Las Vegas   | arbol     | 4,4         | 0,00-5,00 mts   |
| Mango                 | 4.858295117211854 -75.6601545587182   | Laureles    | arbol     | 6,2         | 5,01-10,00 mts  |
| Palma areca           | 4.85828693335537 -75.65830182284117   | Laureles    | Palma     | 2,4         | 2,01-5,00 mts   |
| Palma areca           | 4.8542618593398439 -75.65670758484429 | Laureles    | Palma     | 4,3         | 2,01-5,00 mts   |
| Benjamin careado      | 4.857696794802335 -75.65810300400794  | Laureles    | arbol     | 5,9         | 5,01-10,00 mts  |
| Casco de vaca         | 4.8312063820498255 -75.66276116788387 | Limonar     | arbol     | 5,9         | 5,01-10,00 mts  |
| Palma yuca            | 4.830200451918915 -75.66277080089157  | Limonar     | Arbusto   | 2,6         | 2,01-5,00 mts   |
| Palma yuca            | 4.830130982453006 -75.69271858781576  | Limonar     | Arbusto   | 4,5         | 2,01-5,00 mts   |
| Palma yuca            | 4.830101562623811 -75.69270517677069  | Limonar     | Arbusto   | 3,4         | 2,01-5,00 mts   |
| Araucaria             | 4.830218158448595 -75.69232866168022  | Limonar     | arbol     | 3,5         | 2,01-5,00 mts   |
| Sauco                 | 4.830503133252808 -75.69172315299511  | Limonar     | Arbusto   | 3,2         | 2,01-5,00 mts   |
| Sauco                 | 4.830506140020341 -75.69167152047157  | Limonar     | Arbusto   | 3,9         | 2,01-5,00 mts   |
| Palma areca           | 4.830847575092003 -75.6919551640749   | Limonar     | Palma     | 2,6         | 2,01-5,00 mts   |
| Ciprés                | 4.830794455558931 -75.69206546992064  | Limonar     | arbol     | 2,5         | 2,01-5,00 mts   |
| Martin Galviz         | 4.831136224568349 -75.69174159318209  | Limonar     | arbol     | 5,6         | 5,01-10,00 mts  |
| Aguaate               | 4.831135222313446 -75.69168459624062  | Limonar     | arbol     | 9,1         | 5,01-10,00 mts  |
| Narajo                | 4.831133885973551 -75.69164134962016  | Limonar     | arbol     | 5,7         | 5,01-10,00 mts  |
| Aguaate               | 4.8311131727049625 -75.69167152047157 | Limonar     | arbol     | 4           | 2,01-5,00 mts   |
| Aguaate               | 4.831101813815467 -75.69164033979177  | Limonar     | arbol     | 10          | 5,01-10,00 mts  |
| Aguaate               | 4.831108495515201 -75.69162391126154  | Limonar     | arbol     | 7,6         | 5,01-10,00 mts  |
| Cedro japonés         | 4.831071746165892 -75.691590718925    | Limonar     | arbol     | 5,1         | 5,01-10,00 mts  |
| Cedro japonés         | 4.831078093789012 -75.69156657904387  | Limonar     | arbol     | 4,9         | 2,01-5,00 mts   |
| Guayacan rosado       | 4.831062391785796 -75.69169599626883  | Limonar     | arbol     | 2,5         | 2,01-5,00 mts   |
| Guayacan rosado       | 4.8312250911648 -75.6912886351347     | Limonar     | arbol     | 3           | 2,01-5,00 mts   |
| Higueron              | 4.831249813448966 -75.6913060694933   | Limonar     | arbol     | 5,6         | 5,01-10,00 mts  |
| arbol pulpo           | 4.831269524458966 -75.69127555936575  | Limonar     | arbol     | 5           | 2,01-5,00 mts   |
| Guamo santafereño     | 4.83125682923214 -75.69116827100515   | Limonar     | arbol     | 9,7         | 5,01-10,00 mts  |
| Guayacan rosado       | 4.83131362366472 -75.69115117192268   | Limonar     | arbol     | 14,8        | 10,01-15,00 mts |
| Sauco                 | 4.831372088516806 -75.69116022437811  | Limonar     | Arbusto   | 4,5         | 2,01-5,00 mts   |
| Aguaate               | 4.831402843227255 -75.6911313906312   | Limonar     | arbol     | 4,7         | 2,01-5,00 mts   |
| Aguaate               | 4.83140115389854 -75.69113206118345   | Limonar     | arbol     | 3,6         | 2,01-5,00 mts   |
| Tulipan afroano       | 4.831444584926412 -75.69112334400415  | Limonar     | arbol     | 4,2         | 2,01-5,00 mts   |
| Guamo santafereño     | 4.831478995961877 -75.69108612835407  | Limonar     | arbol     | 4,9         | 2,01-5,00 mts   |
| Sauco                 | 4.831395808541069 -75.69108545780182  | Limonar     | Arbusto   | 2,6         | 2,01-5,00 mts   |
| Sauco                 | 4.831224422994942 -75.69103617221117  | Limonar     | Arbusto   | 3,6         | 2,01-5,00 mts   |
| Cedro japonés         | 4.830818843771682 -75.69042529910803  | Limonar     | arbol     | 2,2         | 2,01-5,00 mts   |
| Palma yuca            | 4.8314258851942 -75.6900002298115     | Limonar     | Arbusto   | 2,8         | 2,01-5,00 mts   |
| Palma yuca            | 4.831399483474339 -75.6900779530406   | Limonar     | Arbusto   | 0,32 - 3,20 | 0,00-2,00 mts   |
| Sauco                 | 4.831433894212119 -75.6900016993618   | Limonar     | Arbusto   | 0,25 - 2,50 | 0,00-2,00 mts   |

| NOM_COM           | COORDENADA                            | BARRIO            | HAB_CRECII | H_mts_1      | Ranqueo_aktu    |
|-------------------|---------------------------------------|-------------------|------------|--------------|-----------------|
| Mango             | 4 831051140188912,-75.69005850702523  | Uimonar           | arbol      | 5,8          | 5,01-10,00 mts  |
| Palma yuca        | 4 8315735416542545,-75.69006722420454 | Uimonar           | Arbusto    | 3,6          | 2,01-5,00 mts   |
| Palma areca       | 4 8316149681626664,-75.69011751922357 | Uimonar           | Palma      | 4            | 2,01-5,00 mts   |
| Aguacate          | 4 8316804650544481,-75.69020535796681 | Uimonar           | arbol      | 0,36 - 3,60  | 0,00-2,00 mts   |
| Aguacate          | 4 831680448767557,-75.69021441042023  | Uimonar           | arbol      | 6            | 5,01-10,00 mts  |
| Sauco             | 4 831486679612285,-75.69048307243023  | Uimonar           | Arbusto    | 4,8          | 2,01-5,00 mts   |
| arbol de navidad  | 4 83109112309578,-75.68978190422058   | Uimonar           | Arbusto    | 3,9 - 4,9    | 2,01-5,00 mts   |
| Palma quency      | 4 831055041915555,-75.68984895944595  | Uimonar           | Palma      | 10           | 5,01-10,00 mts  |
| Palma quency      | 4 830993236185713,-75.68998273462057  | Uimonar           | Palma      | 8,9          | 5,01-10,00 mts  |
| Palma quency      | 4 830071186572625,-75.68998876959085  | Uimonar           | Palma      | 8,1          | 5,01-10,00 mts  |
| Palma quency      | 4 830967845722084,-75.69000754505396  | Uimonar           | Palma      | 9,6          | 5,01-10,00 mts  |
| Palma areca       | 4 83036775811372,-75.6901178508997    | Uimonar           | Palma      | 6            | 5,01-10,00 mts  |
| Palma quency      | 4 83088369283271,-75.69020703434044   | Uimonar           | Palma      | 8,3          | 5,01-10,00 mts  |
| Palma areca       | 4 830048109044777,-75.69221936166296  | Uimonar           | Palma      | 3,9          | 2,01-5,00 mts   |
| Guamo santalferno | 4 8309154769854695,-75.69253921508788 | Uimonar           | arbol      | 0,59         | 0,00-2,00 mts   |
| Guamo santalferno | 4 830837365128214,-75.6924053391527   | Uimonar           | arbol      | 4,25         | 2,01-5,00 mts   |
| Palma quency      | 4 830033743067814,-75.69238934665918  | Uimonar           | Palma      | 9,9          | 5,01-10,00 mts  |
| Palma quency      | 4 830160605751325,-75.69238800555468  | Uimonar           | Palma      | 9,3          | 5,01-10,00 mts  |
| Palma quency      | 4 830076510725235,-75.69257777184048  | Uimonar           | Palma      | 10,2         | 10,01-15,00 mts |
| Palma areca       | 4 830067485903913,-75.69210670888422  | Uimonar           | Palma      | 0,59 - 5,90  | 0,00-2,00 mts   |
| Palma areca       | 4 830118266897647,-75.69204669445753  | Uimonar           | Palma      | 5,7          | 5,01-10,00 mts  |
| Palma areca       | 4 830139314282001,-75.6920124929259   | Uimonar           | Palma      | 6            | 5,01-10,00 mts  |
| Limon mandarina   | 4 8300618064504315,-75.6922072917223  | Uimonar           | arbol      | 3,2          | 2,01-5,00 mts   |
| Limon mandarina   | 4 830084524264065,-75.69217141717672  | Uimonar           | arbol      | 3,8          | 2,01-5,00 mts   |
| Mandarino         | 4 830090203717369,-75.69214291870594  | Uimonar           | arbol      | 6,3          | 5,01-10,00 mts  |
| Palma areca       | 4 830077842554257,-75.69210670888422  | Uimonar           | Palma      | 5,5          | 5,01-10,00 mts  |
| Palma areca       | 4 830103901222171,-75.6920402671144   | Uimonar           | Palma      | 6,2          | 5,01-10,00 mts  |
| Palma areca       | 4 830112587444684,-75.69201920181513  | Uimonar           | Palma      | 5,9          | 5,01-10,00 mts  |
| Mango             | 4 830158023067704,-75.69199506193401  | Uimonar           | arbol      | 4,9          | 2,01-5,00 mts   |
| Palma areca       | 4 830134971171082,-75.69197561591864  | Uimonar           | Palma      | 4,5          | 2,01-5,00 mts   |
| Mandarino         | 4 83013630751293,-75.69195918738842   | Uimonar           | arbol      | 5,8          | 5,01-10,00 mts  |
| Mango             | 4 830162032093142,-75.6919377297163   | Uimonar           | arbol      | 5            | 2,01-5,00 mts   |
| Palma areca       | 4 830074167613825,-75.68998474627733  | Uimonar           | Palma      | 6            | 5,01-10,00 mts  |
| Palma quency      | 4 83073298388406,-75.69052923470736   | Uimonar           | Palma      | 9,7          | 5,01-10,00 mts  |
| Palma quency      | 4 830692225496575,-75.69063289503056  | Uimonar           | Palma      | 1,09 - 10,90 | 0,00-2,00 mts   |
| Palma quency      | 4 830650485147184,-75.69070391356945  | Uimonar           | Palma      | 10,5         | 10,01-15,00 mts |
| Palma quency      | 4 830528523733829,-75.69097951054573  | Uimonar           | Palma      | 8            | 5,01-10,00 mts  |
| Guayabo dulce     | 4 830541887144516,-75.69107674062252  | Uimonar           | arbol      | 4,9          | 2,01-5,00 mts   |
| Limon mandarina   | 4 830425625482738,-75.69120582193136  | Uimonar           | arbol      | 2,6          | 2,01-5,00 mts   |
| Mango             | 4 83042295278016,-75.69121152162552   | Uimonar           | arbol      | 5            | 2,01-5,00 mts   |
| Palma cubana      | 4 8303217349199,-75.69142945110798    | Uimonar           | Palma      | 10           | 5,01-10,00 mts  |
| Palma areca       | 4 8303230612613085,-75.69161016494034 | Uimonar           | Palma      | 5,6          | 5,01-10,00 mts  |
| Palma areca       | 4 830302682053416,-75.69166682960581  | Uimonar           | Palma      | 5,8          | 5,01-10,00 mts  |
| Palma areca       | 4 830282302844835,-75.69166761372566  | Uimonar           | Palma      | 5            | 2,01-5,00 mts   |
| Aguacate          | 4 83026021379417,-75.69174963980912   | Uimonar           | arbol      | 3            | 2,01-5,00 mts   |
| Guayabo dulce     | 4 830207467712954,-75.69171644747257  | Uimonar           | arbol      | 4,3          | 2,01-5,00 mts   |
| Palma Quency      | 48314- 75.6925                        | Uimonar           | Palma      | 1,9          | 0,00-5,00 mts   |
| Palma Quency      | 48313- 75.6928                        | Uimonar           | Palma      | 4,1          | 0,00-5,00 mts   |
| Palma Quency      | 48312- 75.6924                        | Uimonar           | Palma      | 2,5          | 0,00-5,00 mts   |
| Palma Areca       | 48308- 75.6918                        | Uimonar           | Palma      | 2,1          | 0,00-5,00 mts   |
| Palma Areca       | 48307- 75.6918                        | Uimonar           | Palma      | 3,7          | 0,00-5,00 mts   |
| Palma robelini    | 4 8303N - 75.6914W                    | Uimonar           | Palma      | 3,2          | 0,00-5,00 mts   |
| Palma robelini    | 4 8304N - 75.6914W                    | Uimonar           | Palma      | 3,4          | 0,00-5,00 mts   |
| Palma areca       | 4 8303N - 75.6916W                    | Uimonar           | Palma      | 1,5          | 0,00-5,00 mts   |
| Palma areca       | 4 8312N - 75.6912W                    | Uimonar           | Palma      | 1,8          | 0,00-5,00 mts   |
| Casco de viaca    | 48312- 75.6921                        | Uimonar           | arbol      | 3,3          | 0,00-5,00 mts   |
| Casco de viaca    | 48315- 75.6925                        | Uimonar           | arbol      | 4,2          | 0,00-5,00 mts   |
| Tulipan afroano   | 48315- 75.6925                        | Uimonar           | arbol      | 2,2          | 0,00-5,00 mts   |
| Almendro          | 48312- 75.6928                        | Uimonar           | arbol      | 2,2          | 0,00-5,00 mts   |
| Almendro          | 48312- 75.6929                        | Uimonar           | arbol      | 3,4          | 0,00-5,00 mts   |
| Tulipan afroano   | 48308- 75.6917                        | Uimonar           | arbol      | 3,8          | 0,00-5,00 mts   |
| Guayabo dulce     | 48308- 75.6915                        | Uimonar           | arbol      | 3,6          | 0,00-5,00 mts   |
| Aguacate          | 48302- 75.6922                        | Uimonar           | arbol      | 4,2          | 0,00-5,00 mts   |
| Guayaba Arazá     | 48317- 75.6902                        | Uimonar           | Arbusto    | 2,4          | 0,00-5,00 mts   |
| Guayaba arazá     | 48316- 75.6902                        | Uimonar           | Arbusto    | 3,6          | 0,00-5,00 mts   |
| Guayaba Arazá     | 48310- 75.6900                        | Uimonar           | arbol      | 2,6          | 0,00-5,00 mts   |
| Aguacate          | 48316-75.6908                         | Uimonar           | arbol      | 4,3          | 0,00-5,00 mts   |
| Aguacate          | 48316-75.6908                         | Uimonar           | arbol      | 6,2          | 5,01-15,00      |
| Aguacate          | 48316-75.6908                         | Uimonar           | arbol      | 3,9          | 0,00-5,00 mts   |
| Guayabo dulce     | 48316-75.6907                         | Uimonar           | arbol      | 2,3          | 0,00-5,00 mts   |
| Guayabo dulce     | 48316-75.6907                         | Uimonar           | arbol      | 3,6          | 0,00-5,00 mts   |
| Guayabo dulce     | 48316-75.6907                         | Uimonar           | arbol      | 2,8          | 0,00-5,00 mts   |
| Guayabo dulce     | 48316-75.6905                         | Uimonar           | arbol      | 1,9          | 0,00-5,00 mts   |
| Guanabano         | 48316-75.6907                         | Uimonar           | arbol      | 2,5          | 0,00-5,00 mts   |
| Aguacate          | 48316-75.6905                         | Uimonar           | arbol      | 4,3          | 0,00-5,00 mts   |
| Limon Mandarina   | 48316-75.6905                         | Uimonar           | arbol      | 2,4          | 0,00-5,00 mts   |
| Aguacate          | 48316-75.6902                         | Uimonar           | arbol      | 2,1          | 0,00-5,00 mts   |
| Limon Mandarina   | 48316-75.6902                         | Uimonar           | arbol      | 3,8          | 0,00-5,00 mts   |
| Sauco             | 44951466- 75.4130079                  | Uimonar           | arbol      | 2,8          | 0,00-5,00 mts   |
| Pino Libro        | 449951966- 75.4129772                 | Uimonar           | arbol      | 3            | 0,00-5,00 mts   |
| Mata Raton        | 44951876- 75.412985                   | Uimonar           | arbol      | 5            | 0,00-5,00 mts   |
| Guamo             | 4494944- 75.4127828                   | Uimonar           | arbol      | 3            | 0,00-5,00 mts   |
| Candelabro rojo   | 4 8304N - 75.6924W                    | Uimonar           | Arbusto    | 3,5          | 0,00-5,00 mts   |
| Aguacate          | 4 8304N - 75.6923W                    | Uimonar           | Arbol      | 2,4          | 0,00-5,00 mts   |
| Francoesina       | 4 830393N - 75.691360W                | Uimonar           | Arbusto    | 2,4          | 0,00-5,00 mts   |
| Cedro japonés     | 4 8314- 75.6907                       | Uimonar           | arbol      | 4,2          | 0,00-5,00 mts   |
| Limon mandarina   | 4 8317- 75.6902                       | Uimonar           | arbol      | 4            | 0,00-5,00 mts   |
| Guayaba agría     | 4 8317- 75.6902                       | Uimonar           | arbol      | 2,4          | 0,00-5,00 mts   |
| Limon mandarina   | 4 8317- 75.6902                       | Uimonar           | arbol      | 4,2          | 0,00-5,00 mts   |
| Guayaba agría     | 4 8316- 75.6702                       | Uimonar           | arbol      | 3,6          | 0,00-5,00 mts   |
| Guanabano         | 4 8316- 75.6702                       | Uimonar           | arbol      | 2,5          | 0,00-5,00 mts   |
| Limon tahiti      | 4 8316- 75.6702                       | Uimonar           | arbol      | 1,6          | 0,00-5,00 mts   |
| Limon mandarina   | 4 8316- 75.6702                       | Uimonar           | arbol      | 4,1          | 0,00-5,00 mts   |
| Limon mandarina   | 4 8316- 75.6901                       | Uimonar           | arbol      | 6,3          | 0,00-5,00 mts   |
| Carbonero         | 4 8312- 75.6913                       | Uimonar           | arbol      | 17,2         | 15,01-20,00     |
| aguacate          | 4 8312- 75.6905                       | Uimonar           | arbol      | 4,2          | 0,00-5,00 mts   |
| Dracena           | 4 8312- 75.6905                       | Uimonar           | arbol      | 3,1          | 0,00-5,00 mts   |
| Palma areca       | 4 8310- 75.6900                       | Uimonar           | Palma      | 2,6          | 0,00-5,00 mts   |
| Dracena           | 4 8310- 75.6900                       | Uimonar           | arbol      | 4,4          | 0,00-5,00 mts   |
| Cedro japonés     | 4 8301- 75.6294                       | Uimonar           | arbol      | 2,5          | 0,00-5,00 mts   |
| Limon mandarina   | 4 8302- 75.6921                       | Uimonar           | arbol      | 4,2          | 0,00-5,00 mts   |
| Guanabano         | 4 8305- 75.6917                       | Uimonar           | arbol      | 2,4          | 0,00-5,00 mts   |
| Francoesina       | 4 830417N - 75.691525W                | Uimonar           | Arbusto    | 3            | 0,00-5,00 mts   |
| Francoesina       | 4 830381N - 75.691487W                | Uimonar           | Arbusto    | 3            | 0,00-5,00 mts   |
| Francoesina       | 4 830385N - 75.691414W                | Uimonar           | Arbusto    | 3            | 0,00-5,00 mts   |
| Cedro japonés     | 4 830638N - 75.690414W                | Uimonar           | Arbol      | 3,2          | 0,00-5,00 mts   |
| Cipres            | 4 830443N - 75.691268W                | Uimonar           | Arbol      | 2,8          | 0,00-5,00 mts   |
| Pino Libro        | 4494942- 75.4128554                   | Uimonar- Macarena | arbol      | 5            | 0,00-5,00 mts   |
| Palma robelini    | 4494942- 75.4129118                   | Uimonar- Macarena | Palma      | 5            | 0,00-5,00 mts   |
| Aguacate          | 4 804983- 75.4129016                  | Uimonar- Macarena | arbol      | 5            | 0,00-5,00 mts   |
| Aguacate          | 4 80495- 75.4128914                   | Uimonar- Macarena | arbol      | 7            | 5,01-15,00      |
| Guayabo dulce     | 4494948- 75.4128068                   | Uimonar- Macarena | arbol      | 6            | 5,01-15,00      |
| Palma robelini    | 4494948- 75.4129016                   | Uimonar- Macarena | Palma      | 5            | 0,00-5,00 mts   |

| NOM_COM               | COORDENADA                             | BARRIO                 | HAB_CRECH | H. mts_1     | Rango_ altu     |
|-----------------------|--|------------------------|-----------|--------------|-----------------|
| Duranta               | 4 84964028250133 -75 69957219408565    | Llano Azul             | Arbusto   | 1,8          | 0,00-2,00 mts   |
| Aguaate               | 4 84966899952944E -75 6587541103363    | Llano Azul             | arbol     | 6,8          | 5,01-10,00 mts  |
| Palma areca           | 4 849500489359654 -75 65881848335266   | Llano Azul             | Palma     | 6,3          | 5,01-10,00 mts  |
| Limon mandarina       | 4 849566431322501 -75 65883591771126   | Llano Azul             | arbol     | 2,1          | 2,01-5,00 mts   |
| Guanabano             | 4 8495066314733996 -75 65889029489023  | Llano Azul             | arbol     | 2,2          | 2,01-5,00 mts   |
| Palma manila          | 4 8490248917139435 -75 658942870795273 | Llano Azul             | Palma     | 2,3          | 2,01-5,00 mts   |
| Aguaate               | 4 84966896 -75 65875916                | Llano Azul             | arbol     | 10           | 5,01-15,00 mts  |
| Palma areca           | 4 84969N -75 65900W                    | Llano Azul             | Palma     | 3,7          | 0,00-5,00 mts   |
| Aguaate               | 4 847275343096781 -75 65745793282986   | Los Alpes              | arbol     | 10           | 5,01-10,00 mts  |
| Francoesina           | 4 84789N -75 65729W                    | Los Alpes              | Arbusto   | 2,4          | 0,01-5,00mts    |
| Dracena               | 4 84789N -75 65739W                    | Los Alpes              | Arbusto   | 4,1          | 0,01-5,00mts    |
| Palma areca           | 4 84789N -75 65719W                    | Los Alpes              | Palma     | 4,3          | 0,00-5,00 mts   |
| Quebrabrango          | 4 8617166693296365 -75 66100850701332  | Los Guamos             | arbol     | 3,2          | 2,01-5,00 mts   |
| Cipres                | 4 861650189425682 -75 66031146794558   | Los Guamos             | arbol     | 3,7          | 2,01-5,00 mts   |
| Palma areca           | 4 859661134390914 -75 66219102591276   | Los Guamos             | Palma     | 4,4          | 2,01-5,00 mts   |
| Palo de la cruz       | 4 861526249486736 -75 66166061908007   | Los Guamos             | arbol     | 3,2          | 2,01-5,00 mts   |
| Mango                 | 4 861539612284402 -75 6615734414587    | Los Guamos             | arbol     | 3,7          | 2,01-5,00 mts   |
| Urapan                | 4 804860075263894 -75 6653667613864    | Los Lagos              | arbol     | 11,8         | 10,01-15,00 mts |
| Acacia de siam        | 4 804832011866002 -75 66534262105026   | Los Lagos              | arbol     | 12           | 10,01-15,00 mts |
| Vainillo              | 4 8048273346330235 -75 66536407917738  | Los Lagos              | arbol     | 9,9          | 5,01-10,00 mts  |
| Urapan                | 4 804864418408675 -75 66534262105026   | Los Lagos              | arbol     | 14           | 10,01-15,00 mts |
| Urapan                | 4 8048717693429486 -75 66534965647654  | Los Lagos              | arbol     | 15           | 10,01-15,00 mts |
| Araucaria             | 4 825363211698741 -75 66528562456371   | Los Lagos              | arbol     | 1,31 - 13,10 | 0,00-2,00 mts   |
| Vainillo              | 4 825368993454998 -75 66529903560877   | Los Lagos              | arbol     | 5,2          | 5,01-10,00 mts  |
| Tulipan africano      | 4 825230244735615 -75 66648423671722   | Los Lagos              | arbol     | 6,3          | 5,01-10,00 mts  |
| Palma quency          | 48251 -756696                          | Los Lagos              | Palma     | 9,7          | 5,01-15,00 mts  |
| Casco de vaca         | 4 83470557999691 -75 66644601523876    | Los Molinos            | arbol     | 9,7          | 5,01-10,00 mts  |
| Casco de vaca         | 4 83475932310383 -75 66636219620705    | Los Molinos            | arbol     | 10,2         | 10,01-15,00 mts |
| Tulipan africano      | 4 83411458540219 -75 66702134907246    | Los Molinos            | arbol     | 13,7         | 10,01-15,00 mts |
| Casco de vaca         | 4 834003357274712 -75 66701833158731   | Los Molinos            | arbol     | 13,7         | 10,01-15,00 mts |
| Mirto                 | 4 833979515791696 -75 66703911870718   | Los Molinos            | Arbusto   | 3,8          | 2,01-5,00 mts   |
| Casco de vaca         | 4 833908455967716 -75 66705487968514   | Los Molinos            | arbol     | 11           | 10,01-15,00 mts |
| Casco de vaca         | 4 83386760810625 -75 66706728190184    | Los Molinos            | arbol     | 11,1         | 10,01-15,00 mts |
| Pino romero           | 4 83383896659445 -75 66706627607346    | Los Molinos            | arbol     | 11,4         | 10,01-15,00 mts |
| Mango                 | 4 833879096229003 -75 66701766103506   | Los Molinos            | arbol     | 7,8          | 5,01-10,00 mts  |
| Casco de vaca         | 4 833926830595692 -75 66689126193525   | Los Molinos            | arbol     | 10           | 5,01-10,00 mts  |
| Guayacan amarillo     | 4 8341 -75 6668                        | Los Molinos            | arbol     | 10,3         | 5,00- 15,00     |
| Dracena               | 4 8340 -75 6670                        | Los Molinos            | arbol     | 4,1          | 0,00-5,00 mts   |
| Palma areca           | 4 8341 -75 6669                        | Los Molinos            | Palma     | 1,7          | 0,00-5,00 mts   |
| Palma areca           | 4 8340 -75 6668                        | Los Molinos            | Palma     | 2,2          | 0,00-5,00 mts   |
| Araucaria             | 4 840126057405584 -75 66811837259595   | Los Naranjos           | arbol     | 25           | 15,01-28,00 mts |
| Casco de vaca         | 4 840278398113054 -75 66794000966006   | Los Naranjos           | arbol     | 10           | 5,01-10,00 mts  |
| Higuero de hoja ancha | 4 840331182823858 -75 6678957492113    | Los Naranjos           | arbol     | 1,15-11,5    | 0,00-2,00 mts   |
| Pino patula           | 4 840366593107811 -75 6678243353963    | Los Naranjos           | arbol     | 11           | 10,01-15,00 mts |
| Carbonero caribe      | 4 840016813061367 -75 66752761602402   | Los Naranjos           | arbol     | 9,00-19,00   | 5,01-10,00 mts  |
| Saman                 | 4 83996503067871 -75 66761177033186    | Los Naranjos           | arbol     | 14           | 10,01-15,00 mts |
| Cipres                | 4 839918259290024 -75 66772542803887   | Los Naranjos           | arbol     | 16           | 15,01-28,00 mts |
| Saman                 | 4 839929952102292 -75 66787362008694   | Los Naranjos           | arbol     | 16           | 15,01-28,00 mts |
| Guayacan rosado       | 4 840200557361108 -75 66823303699493   | Los Naranjos           | arbol     | 16           | 15,01-28,00 mts |
| Benjamin              | 4 8395 -75 6681                        | Los Naranjos           | arbol     | 12           | 10,01-15,00 mts |
| Mandarino             | 4 8410862 -75 667866805                | Los Naranjos           | arbol     | 7            | 10,01-15,00 mts |
| Guayabo               | 4 8422953 -75 6677228                  | Los Naranjos           | arbol     | 6,5          | 10,01-15,00 mts |
| Chusque-bambú         | 4 84240111 -75 66776                   | Los Naranjos           | Guadilla  | 8            | 10,01-15,00 mts |
| Urapan                | 4 8424502 -75 6677439                  | Los Naranjos           | arbol     | 18           | 10,01-15,00 mts |
| Limon mandarina       | 4 8400N -75 6678W                      | Los Naranjos           | arbol     | 2,4          | 0,00-5,00mts    |
| Limon mandarina       | 4 8399N -75 6678W                      | Los Naranjos           | arbol     | 2,3          | 0,00-5,00mts    |
| Jazmin                | 4 8399N -75 6678W                      | Los Naranjos           | arbol     | 2,2          | 0,00-5,00mts    |
| Palma areca           | 4 8403N -75 6683W                      | Los Naranjos           | Palma     | 3,1          | 0,00-5,00mts    |
| Cacao                 | 4 8398N -75 6677W                      | Los Naranjos           | arbol     | 2            | 0,00-5,00mts    |
| Pino ocarpa           | 4 8430N -75 6696W                      | Los Naranjos           | arbol     | 12,2         | 5,01-15,00 mts  |
| Limon tahiti          | 4 8430N -75 6696W                      | Los Naranjos           | arbol     | 4,2          | 0,00-5,00mts    |
| Pino libro            | 4 8430N -75 6696W                      | Los Naranjos           | arbol     | 3,6          | 0,00-5,00mts    |
| Almendro              | 4 84283074 -75 6748699                 | Los Reyes              | arbol     | 3            | 0,00-5,00 mts   |
| Acacia amarilla       | 4 8433489201897 -75 67488803866539     | Los Reyes - Andalucía  | arbol     | 8            | 5,01-10,00 mts  |
| Acacia amarilla       | 4 843281774792167 -75 67486211657524   | Los Reyes - Andalucía  | arbol     | 8,1          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 843247030677579 -75 67485876381397   | Los Reyes - Andalucía  | arbol     | 6            | 5,01-10,00 mts  |
| Acacia amarilla       | 4 843179546617218 -75 67483562076122   | Los Reyes - Andalucía  | arbol     | 6,4          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 843158833717142 -75 67482758313417   | Los Reyes - Andalucía  | arbol     | 2,4          | 2,01-5,00 mts   |
| Acacia amarilla       | 4 843125426040632 -75 67481886595488   | Los Reyes - Andalucía  | arbol     | 6,7          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 843126782128684 -75 674819536805713  | Los Reyes - Andalucía  | arbol     | 7,6          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 843063905263535 -75 6748004257679    | Los Reyes - Andalucía  | arbol     | 4,2          | 2,01-5,00 mts   |
| Acacia amarilla       | 4 843040235648062 -75 6748017668724    | Los Reyes - Andalucía  | arbol     | 7,4          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 843563737390646 -75 67495800554762   | Los Reyes - Villa Tury | arbol     | 8,8          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 843478881360344 -75 67494291812181   | Los Reyes - Villa Tury | arbol     | 9,4          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 843466518205004 -75 67492548378322   | Los Reyes - Villa Tury | arbol     | 7,7          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 843468898993867 -75 67491877824068   | Los Reyes - Villa Tury | arbol     | 6,2          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 843387343740915 -75 67490804940462   | Los Reyes - Villa Tury | arbol     | 7,3          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 843379325846637 -75 6749214604497    | Los Reyes - Villa Tury | arbol     | 7,3          | 5,01-10,00 mts  |
| Acacia amarilla       | 4 8423N -75 6744W                      | Los Reyes - Villa Tury | arbol     | 2,4          | 0,00-5,00 mts   |
| Acacia amarilla       | 4 8424N -75 6744W                      | Los Reyes - Villa Tury | arbol     | 2,8          | 0,00-5,00 mts   |
| Palma areca           | 4 8424N -75 6746W                      | Los Reyes - Villa Tury | Palma     | 3,2          | 0,00-5,00 mts   |
| Palma areca           | 4 8424N -75 6745W                      | Los Reyes - Villa Tury | Palma     | 2,3          | 0,00-5,00 mts   |
| Guayabo dulce         | 4 8202817102712 -75 66095184534788     | Los Rosales            | arbol     | 0,61-6,1     | 0,00-2,00 mts   |
| Aguaate               | 4 820061551474333 -75 66089015454054   | Los Rosales            | arbol     | 8,9          | 5,01-10,00 mts  |
| Palma Alejandra       | 4 81956740658306 -75 66093005239964    | Los Rosales            | Palma     | 9,7          | 5,01-10,00 mts  |
| Palma Alejandra       | 4 8196352519614045 -75 66093273460865  | Los Rosales            | Palma     | 8,3          | 5,01-10,00 mts  |
| Guayacan rosado       | 4 818634938725295 -75 66065627107361   | Los Rosales            | arbol     | 9,8          | 5,01-10,00 mts  |
| Pino azul             | 4 818762272578825 -75 6607298925519    | Los Rosales            | arbol     | 2,8          | 2,01-5,00 mts   |
| Francoesina           | 4 818634640781404 -75 66108159720898   | Los Rosales            | Arbusto   | 3            | 2,01-5,00 mts   |
| Mango                 | 4 818626297503263 -75 661024039554354  | Los Rosales            | arbol     | 4,7          | 2,01-5,00 mts   |
| Guayabo dulce         | 4 81862307714026 -75 66112250089645    | Los Rosales            | arbol     | 6,6          | 5,01-10,00 mts  |
| Palma mil pesos       | 4 819677681470366 -75 66168174147606   | Los Rosales            | Palma     | 10,8         | 10,01-15,00 mts |
| Pino libro            | 4 819628396319348 -75 66179037094116   | Los Rosales            | arbol     | 2,1 - 3,60   | 2,01-5,00 mts   |
| Benjamin              | 4 819070678873317 -75 66181551665068   | Los Rosales            | arbol     | 11,2         | 10,01-15,00 mts |
| Francoesina           | 4 819071012063768 -75 66181719303131   | Los Rosales            | Arbusto   | 4,2          | 2,01-5,00 mts   |
| Araucaria             | 4 820811249068958 -75 66224500536919   | Los Rosales            | arbol     | 1,21 - 12,10 | 10,01-15,00 mts |
| Palma botella         | 48200 -796607                          | Los Rosales            | Palma     | 7,2          | 5,01-15,00 mts  |
| Palma botella         | 48204 -79661                           | Los Rosales            | Palma     | 3,4          | 0,00-5,00 mts   |
| Vainillo              | 4 8200 -75 6617                        | Los Rosales            | arbol     | 5,6          | 5,01-15,00 mts  |
| Pomarroso             | 48193 -796614                          | Los Rosales            | arbol     | 3,6          | 0,00-5,00 mts   |
| Pomarroso             | 48193 -796614                          | Los Rosales            | arbol     | 1,9          | 0,00-5,00 mts   |
| Pomarroso             | 48192 -796613                          | Los Rosales            | arbol     | 1,7 - 3,70   | 0,00-5,00 mts   |
| Pomarroso             | 48192 -796613                          | Los Rosales            | arbol     | 2,3          | 0,00-5,00 mts   |
| Pomarroso             | 48192 -796614                          | Los Rosales            | arbol     | 2,2          | 0,00-5,00 mts   |
| Pomarroso             | 48192 -796614                          | Los Rosales            | arbol     | 2,3          | 0,00-5,00 mts   |
| Palma botella         | 48208 -796606                          | Los Rosales            | Palma     | 5            | 0,00-5,00 mts   |
| Palma botella         | 48207 -796607                          | Los Rosales            | Palma     | 4,9          | 0,00-5,00 mts   |
| Palma botella         | 48207 -796607                          | Los Rosales            | Palma     | 5,2          | 5,01-15,00 mts  |
| Acacia amarilla       | 4 8279450374163595 -75 680202209115    | Maracay                | arbol     | 10,2         | 10,01-15,00 mts |
| Acacia amarilla       | 4 827738571901293 -75 68107210099697   | Maracay                | arbol     | 9,7          | 5,01-10,00 mts  |
| Mango                 | 4 828063072215987 -75 68138793110847   | Maracay                | arbol     | 8,6          | 5,01-10,00 mts  |
| Palma zancaona        | 4 827088438978901 -75 6815552389578    | Maracay                | Palma     | 5,8          | 5,01-10,00 mts  |
| Palma zancaona        | 4 82714757236022 -75 68156495690346    | Maracay                | Palma     | 10           | 5,01-10,00 mts  |

| NOM_COM          | COORDENADA                             | BARRIO                      | HAB_CRECH     | H_mts_1   | Rango_alfu      |
|------------------|--|-----------------------------|---------------|-----------|-----------------|
| Acacia amarilla  | 4 82891671825727,-75.68166118115187    | Maracay                     | arbol         | 4,2       | 2,01-5,00 mts   |
| Palma areca      | 4 827928667175547,-75.6812209635973    | Maracay                     | Palma         | 11,2      | 10,01-15,00 mts |
| Palma areca      | 4 8279505060012586,-75.681246979734421 | Maracay                     | Palma         | 10,8      | 10,01-15,00 mts |
| Palma areca      | 4 828007845683562,-75.68132692251015   | Maracay                     | Palma         | 10,8      | 10,01-15,00 mts |
| Palma areca      | 4 828053949620682,-75.681306455900965  | Maracay                     | Palma         | 7,6       | 5,01-10,00 mts  |
| Palma areca      | 4 828075665242147,-75.68135105073452   | Maracay                     | Palma         | 6,4       | 5,01-10,00 mts  |
| Palma areca      | 4 828063972215281,-75.68138793110847   | Maracay                     | Palma         | 12        | 10,01-15,00 mts |
| Palma areca      | 4 828060297263046,-75.681391054422     | Maracay                     | Palma         | 11,8      | 10,01-15,00 mts |
| Palma areca      | 4 828091367306473,-75.68135138601065   | Maracay                     | Palma         | 5,6       | 5,01-10,00 mts  |
| Araucaria        | 4 828091701302929,-75.68144359604553   | Maracay                     | arbol         | 3,4       | 2,01-5,00 mts   |
| Guanábano        | 4 8281611913753215,-75.68144359604553  | Maracay                     | arbol         | 2,9       | 2,01-5,00 mts   |
| Palma areca      | 4 828238365337807,-75.68151108327541   | Maracay                     | Palma         | 6,8       | 5,01-10,00 mts  |
| Palma areca      | 4 82827277623700539,-75.68154249340296 | Maracay                     | Palma         | 9,2       | 5,01-10,00 mts  |
| Palma areca      | 4 828324893700537,-75.68157937377691   | Maracay                     | Palma         | 9,6       | 5,01-10,00 mts  |
| Chontaduro       | 4 828331241350268,-75.68158406764269   | Maracay                     | Palma         | 11        | 10,01-15,00 mts |
| Palma areca      | 4 828374338489421,-75.6816175952536    | Maracay                     | Palma         | 5,9       | 5,01-10,00 mts  |
| Palma areca      | 4 8284067448618253,-75.68166453301314  | Maracay                     | Palma         | 4,8       | 2,01-5,00 mts   |
| Palma areca      | 4 82836530250056,-75.681663637071848   | Maracay                     | Palma         | 5,6       | 5,01-10,00 mts  |
| Palma areca      | 4 82842679004046,-75.68166587501764    | Maracay                     | Palma         | 5,8       | 5,01-10,00 mts  |
| Palma areca      | 4 82855070160773,-75.68181607872248    | Maracay                     | Palma         | 5,7       | 5,01-10,00 mts  |
| Palma areca      | 4 828621896415022,-75.68184960633516   | Maracay                     | Palma         | 5,8       | 5,01-10,00 mts  |
| Palma areca      | 4 828684877932315,-75.68181373178957   | Maracay                     | Palma         | 7         | 5,01-10,00 mts  |
| Palma areca      | 4 828636292121895,-75.68186998040995   | Maracay                     | Palma         | 6         | 5,01-10,00 mts  |
| Palma areca      | 4 828619223725332,-75.68188822137396   | Maracay                     | Palma         | 8,7       | 5,01-10,00 mts  |
| Eucalipto        | 4 828719449581241,-75.681979399377823  | Maracay                     | arbol         | 11        | 10,01-15,00 mts |
| Casco de vaca    | 4 8284485011322215,-75.6820950188637   | Maracay                     | arbol         | 9,5       | 5,01-10,00 mts  |
| Casco de vaca    | 4 828566772188179,-75.68272400647402   | Maracay                     | arbol         | 6         | 5,01-10,00 mts  |
| Casco de vaca    | 4 828675684292658,-75.6826929818153    | Maracay                     | arbol         | 10,2      | 10,01-15,00 mts |
| Casco de vaca    | 4 828780587346089,-75.68261068314314   | Maracay                     | arbol         | 9,8       | 5,01-10,00 mts  |
| Casco de vaca    | 4 82876655572842,-75.6826800093412     | Maracay                     | arbol         | 9,2       | 5,01-10,00 mts  |
| Casco de vaca    | 4 828909210494545,-75.68250071257353   | Maracay                     | arbol         | 9,7       | 5,01-10,00 mts  |
| arbol de navidad | 4 82894128275634,-75.68247456103963    | Maracay                     | Arbusto       | 3,2       | 2,01-5,00 mts   |
| Fransesina       | 4 8289N - 75.6829W                     | Maracay                     | Arbusto       | 2,3       | 0,00-5,00 mts   |
| Palma areca      | 4 8288 - 75.6819                       | Maracay                     | Palma         | 3,2       | 0,00-5,00 mts   |
| Palma areca      | 4 8289 - 75.6820                       | Maracay                     | Palma         | 3,8       | 0,00-5,00 mts   |
| Leucaena         | 48290 - 75.6824                        | Maracay                     | arbol         | 3,2       | 0,00-5,00 mts   |
| Palma areca      | 4 8270 - 75.6815                       | Maracay                     | Palma         | 2,2       | 0,00-5,00 mts   |
| Palma areca      | 4 8270 - 75.6815                       | Maracay                     | Palma         | 2,3       | 0,00-5,00 mts   |
| Callistero       | 4 8269 - 75.6818                       | Maracay                     | arbol         | 3,1       | 0,00-5,00 mts   |
| Mango            | 4 8289 - 75.6825                       | Maracay                     | arbol         | 5,5       | 5,01-15,00 mts  |
| Palma quency     | 4 828313200688971,-75.68068251013796   | Maracay - Av. Simon bolivar | Palma         | 10,2      | 10,01-15,00 mts |
| Palma quency     | 4 82827210805323,-75.68072006106377    | Maracay - Av. Simon bolivar | Palma         | 10,2      | 10,01-15,00 mts |
| Palma quency     | 4 82814615748551,-75.68079548653555    | Maracay - Av. Simon bolivar | Palma         | 9,8       | 5,01-10,00 mts  |
| Palma quency     | 4 82808315339566,-75.68087194114923    | Maracay - Av. Simon bolivar | Palma         | 8,7       | 5,01-10,00 mts  |
| Palma quency     | 4 827970427993186,-75.68086440484973   | Maracay - Av. Simon bolivar | Palma         | 8,7       | 5,01-10,00 mts  |
| Palma areca      | 4 8494948120885586,-75.68783109515905  | Mariana Graido              | Palma         | 6,9       | 5,01-10,00 mts  |
| Palma areca      | 4 849421116285168,-75.68792105408942   | Mariana Graido              | Palma         | 11        | 10,01-15,00 mts |
| Casco de vaca    | 4 849451183119338,-75.68796084702015   | Mariana Graido              | arbol         | 13        | 10,01-15,00 mts |
| Tulipan africano | 4 849534368020245,-75.68788373351097   | Mariana Graido              | arbol         | 14        | 10,01-15,00 mts |
| Urapan           | 4 849486595166676,-75.6879833966255    | Mariana Graido              | arbol         | 16        | 15,01-28,00 mts |
| Cadmio           | 4 849500202278941,-75.68807349979877   | Mariana Graido              | arbol         | 12        | 10,01-15,00 mts |
| Araucaria        | 4 849599486808657,-75.68801851451397   | Mariana Graido              | arbol         | 19        | 15,01-28,00 mts |
| Urapan           | 4 849594501677161,-75.68804080258608   | Mariana Graido              | arbol         | 14        | 10,01-15,00 mts |
| Urapan           | 4 849621895896886,-75.68825320780279   | Mariana Graido              | arbol         | 13        | 10,01-15,00 mts |
| Cadmio           | 4 8496763502571545,-75.68819454480657  | Mariana Graido              | arbol         | 12        | 10,01-15,00 mts |
| Leucaena         | 4 849714798974949,-75.6881995632247    | Mariana Graido              | arbol         | 8,6       | 5,01-10,00 mts  |
| Palma areca      | 4 84969839926067,-75.688283328265419   | Mariana Graido              | Palma         | 9,8       | 5,01-10,00 mts  |
| Guayacan rosado  | 4 849077352052639,-75.68705392506999   | Mariana Graido              | arbol         | 11,1-11,1 | 0,00-2,00 mts   |
| Guayacan rosado  | 4 84904127183149,-75.68714377909899    | Mariana Graido              | arbol         | 10,1-10,1 | 0,00-2,00 mts   |
| Acacia amarilla  | 4 849012875359807,-75.68736439079046   | Mariana Graido              | arbol         | 5,5       | 5,01-10,00 mts  |
| Palma yuca       | 4 848964434317086,-75.687326169312     | Mariana Graido              | Arbusto       | 0,11-1,1  | 0,00-2,00 mts   |
| Chocho           | 4 848721226822552,-75.6868982282877    | Mercurio                    | arbol         | 11        | 10,01-15,00 mts |
| Mango            | 4 84863603736352,-75.6857010850251     | Mercurio                    | arbol         | 3,8       | 2,01-5,00 mts   |
| Palma areca      | 4 848571894704905,-75.68571416169405   | Mercurio                    | Palma         | 8,2       | 5,01-10,00 mts  |
| Palma areca      | 4 848589934828261,-75.68568833377552   | Mercurio                    | Palma         | 7,8       | 5,01-10,00 mts  |
| Palma areca      | 4 848593609668148,-75.6856690052453    | Mercurio                    | Palma         | 7         | 5,01-10,00 mts  |
| Guayab dulce     | 4 849230358894935,-75.68595225229206   | Mercurio                    | arbol         | 8         | 5,01-10,00 mts  |
| Limon mandarino  | 4 849667330210044,-75.68603009763393   | Mercurio                    | arbol         | 2,1       | 2,01-5,00 mts   |
| Palma areca      | 4 849637597461338,-75.68605379641056   | Mercurio                    | Palma         | 3,9       | 2,01-5,00 mts   |
| Palma areca      | 4 827421857688002,-75.67445375025272   | Milan                       | Palma         | 4         | 2,01-5,00 mts   |
| Palma areca      | 4 827496693127342,-75.67447822540997   | Milan                       | Palma         | 5,4       | 5,01-10,00 mts  |
| Palma areca      | 4 827522417807666,-75.67450638860464   | Milan                       | Palma         | 5         | 2,01-5,00 mts   |
| Palma areca      | 4 827536449451072,-75.67451208820988   | Milan                       | Palma         | 5,2       | 5,01-10,00 mts  |
| Palma areca      | 4 827572864905228,-75.6744946539402    | Milan                       | Palma         | 5,6       | 5,01-10,00 mts  |
| Gualanday        | 4 8277011541968975,-75.6744450330965   | Milan                       | arbol         | 12,7      | 10,01-15,00 mts |
| Acacia amarilla  | 4 827609614444149,-75.67447755485773   | Milan                       | arbol         | 3,9       | 2,01-5,00 mts   |
| Acacia amarilla  | 4 8276423549407745,-75.674450571805239 | Milan                       | arbol         | 4,6       | 2,01-5,00 mts   |
| Acacia amarilla  | 4 827637009553674,-75.67447923123837   | Milan                       | arbol         | 7,8       | 5,01-10,00 mts  |
| Acacia amarilla  | 4 827624314259144,-75.67448459696641   | Milan                       | arbol         | 9,5       | 5,01-10,00 mts  |
| Acacia amarilla  | 4 827662400142006,-75.67443899810313   | Milan                       | arbol         | 11        | 10,01-15,00 mts |
| Acacia amarilla  | 4 827671420482363,-75.6744547568011    | Milan                       | arbol         | 11        | 10,01-15,00 mts |
| Acacia amarilla  | 4 827688124816057,-75.67447118461132   | Milan                       | arbol         | 11,2      | 10,01-15,00 mts |
| Acacia amarilla  | 4 8277011541969375,-75.67444503307343  | Milan                       | arbol         | 10,5      | 10,01-15,00 mts |
| Acacia amarilla  | 4 827766635178882,-75.67444939166309   | Milan                       | arbol         | 10,8      | 10,01-15,00 mts |
| Acacia amarilla  | 4 827786678116572,-75.67447654902935   | Milan                       | arbol         | 10,5      | 10,01-15,00 mts |
| Acacia amarilla  | 4 8278184186047,-75.67437764257191     | Milan                       | arbol         | 8,6       | 5,01-10,00 mts  |
| Acacia amarilla  | 4 8278033847072805,-75.67441117018461  | Milan                       | arbol         | 9         | 5,01-10,00 mts  |
| Acacia amarilla  | 4 827874545152094,-75.67437831312418   | Milan                       | arbol         | 10,2      | 10,01-15,00 mts |
| Acacia amarilla  | 4 828143150707495,-75.67440882325172   | Milan                       | arbol         | 8,2       | 5,01-10,00 mts  |
| Palma manila     | 4 828360975035025,-75.67435752600431   | Milan                       | Palma         | 5         | 2,01-5,00 mts   |
| Palma areca      | 4 82851331838817,-75.6743947416544     | Milan                       | Palma         | 5,8       | 5,01-10,00 mts  |
| Guada            | 4 82934552675929,-75.67139100283384    | Milan                       | Herbacea rizo | 0         | 0,00-2,00 mts   |
| Palma zancaña    | 4 829438402620141,-75.67113518714905   | Milan                       | Palma         | 16,1      | 10,01-15,00 mts |
| Palma manila     | 4 829470140771117,-75.67134507000448   | Milan                       | Palma         | 2,1       | 2,01-5,00 mts   |
| Cedro japonés    | 4 829058212964609,-75.67162167280912   | Milan                       | arbol         | 2,1       | 2,01-5,00 mts   |
| Araucaria        | 4 829032822328514,-75.6716585318308    | Milan                       | arbol         | 12,1      | 10,01-15,00 mts |
| Guada            | 4 829070682328305,-75.67190442715168   | Milan                       | Herbacea rizo | 0         | 0,00-2,00 mts   |
| Aguate           | 4 82879628936408,-75.67226976156235    | Milan                       | arbol         | 3,1       | 2,01-5,00 mts   |
| Nararjo          | 4 828726131304448,-75.67242063581944   | Milan                       | arbol         | 1,1       | 0,00-2,00 mts   |
| Nararjo          | 4 828708758823986,-75.67247260361908   | Milan                       | arbol         | 2,1       | 2,01-5,00 mts   |
| Mandarino        | 4 828697065808048,-75.67251082500796   | Milan                       | arbol         | 3,1       | 2,01-5,00 mts   |
| Aguate           | 4 828684036447189,-75.67256849205014   | Milan                       | arbol         | 4,1       | 2,01-5,00 mts   |
| Palma robelini   | 4 828889499416231,-75.67236732691526   | Milan                       | Palma         | 3,1       | 2,01-5,00 mts   |
| Palma robelini   | 4 828828027575118,-75.67255608737469   | Milan                       | Palma         | 2,1       | 2,01-5,00 mts   |
| Palma robelini   | 4 828820677860692,-75.67259263347252   | Milan                       | Palma         | 3,1       | 2,01-5,00 mts   |
| Yarumo negro     | 4 828619891897762,-75.67259229719639   | Milan                       | arbol         | 8,1       | 5,01-10,00 mts  |
| Aguate           | 4 828613878345942,-75.6727508828044    | Milan                       | arbol         | 4,1       | 2,01-5,00 mts   |
| Palma quency     | 4 828656307293752,-75.67290108650923   | Milan                       | Palma         | 9,1       | 5,01-10,00 mts  |
| Palma robelini   | 4 828640939328719,-75.67295137792826   | Milan                       | Palma         | 3,1       | 2,01-5,00 mts   |
| Palma robelini   | 4 828634501690875,-75.67298423408869   | Milan                       | Palma         | 3,1       | 2,01-5,00 mts   |
| Palma robelini   | 4 828602435018484,-75.67303117364645   | Milan                       | Palma         | 2,1       | 2,01-5,00 mts   |
| Palma manila     | 4 828658979983289,-75.67303117364645   | Milan                       | Palma         | 5,1       | 5,01-10,00 mts  |
| Cartaueño        | 4 829476154315342,-75.67306738346815   | Milan                       | arbol         | 0,61-6,1  | 0,00-2,00 mts   |

| NOM. COM              | COORDENADA         | BARRIO | HAB. CRECII   | H. mts. 1   | Ranoo. altu     |
|-----------------------|--------------------|--------|---------------|-------------|-----------------|
| Guamo santafereño     | 4.829477824744276  | Milan  | arbol         | 12,1        | 10,01-15,00 mts |
| Gualanday             | 4.8293852378204348 | Milan  | arbol         | 7,1         | 5,01-10,00 mts  |
| Cartagueno            | 4.829312452259005  | Milan  | arbol         | 5,1         | 5,01-10,00 mts  |
| Casco de vaca         | 4.829343522044168  | Milan  | arbol         | 13,1        | 10,01-15,00 mts |
| Casco de vaca         | 4.829337174612902  | Milan  | arbol         | 6,1         | 5,01-10,00 mts  |
| Mango                 | 4.829355883420664  | Milan  | arbol         | 0,31-3,1    | 0,00-2,00 mts   |
| Carbonero rojo        | 4.829404659952745  | Milan  | arbol         | 0,21-2,1    | 0,00-2,00 mts   |
| Benjamin              | 4.829461788626267  | Milan  | arbol         | 7,1         | 5,01-10,00 mts  |
| Carbonero rojo        | 4.829474149800601  | Milan  | arbol         | 0,31-3,1    | 0,00-2,00 mts   |
| Palma areca           | 4.829490185018317  | Milan  | Palma         | 4,1         | 2,01-5,00 mts   |
| Cambulo               | 4.829440407134972  | Milan  | arbol         | 15,1        | 15,01-28,00 mts |
| Guayacan de manizales | 4.829333499668462  | Milan  | arbol         | 14,1        | 10,01-15,00 mts |
| Casco de vaca         | 4.829338510956334  | Milan  | arbol         | 17,1        | 15,01-28,00 mts |
| Carbonero rojo        | 4.829351206218765  | Milan  | arbol         | 4,1         | 2,01-5,00 mts   |
| Acacia amarilla       | 4.82940298923607   | Milan  | arbol         | 3,1         | 2,01-5,00 mts   |
| Guayacan amarillo     | 4.829451431966509  | Milan  | arbol         | 11,1        | 10,01-15,00 mts |
| Palma areca           | 4.829450115939898  | Milan  | Palma         | 7,1         | 5,01-10,00 mts  |
| Benjamin              | 4.829514574179981  | Milan  | arbol         | 7,1         | 5,01-10,00 mts  |
| Palma areca           | 4.829856009750953  | Milan  | Palma         | 5,1         | 5,01-10,00 mts  |
| Guadua                | 4.829908796273981  | Milan  | Herbacea rizo | 0           | 0,00-2,00 mts   |
| Aguacate              | 4.829902113563442  | Milan  | arbol         | 7,1         | 5,01-10,00 mts  |
| Araucaria             | 4.829890096481486  | Milan  | arbol         | 5,1         | 5,01-10,00 mts  |
| Mango                 | 4.829886077454457  | Milan  | arbol         | 5,1         | 5,01-10,00 mts  |
| Mango                 | 4.829883738855346  | Milan  | arbol         | 4,1         | 2,01-5,00 mts   |
| Aguacate              | 4.829892785193152  | Milan  | arbol         | 4,1         | 2,01-5,00 mts   |
| Acacia amarilla       | 4.82950020849172   | Milan  | arbol         | 2,1         | 2,01-5,00 mts   |
| Limon tahiti          | 4.829519587466504  | Milan  | arbol         | 2,1         | 2,01-5,00 mts   |
| Palma areca           | 4.829491856347230  | Milan  | arbol         | 4,1         | 2,01-5,00 mts   |
| Palma areca           | 4.829461120454665  | Milan  | Palma         | 4,1         | 5,01-10,00 mts  |
| Palma areca           | 4.8294400730409177 | Milan  | Palma         | 6,1         | 5,01-10,00 mts  |
| Palma yuca            | 4.8294019872661345 | Milan  | Arbusto       | 3,1         | 2,01-5,00 mts   |
| Acacia amarilla       | 4.829381942116313  | Milan  | arbol         | 4,1         | 2,01-5,00 mts   |
| Saman                 | 4.829385251146331  | Milan  | arbol         | 14,1        | 10,01-15,00 mts |
| Palma washingtonia    | 4.829419359728840  | Milan  | Palma         | 3,1         | 2,01-5,00 mts   |
| Carbonero rosado      | 4.829480407430569  | Milan  | arbol         | 4,1         | 2,01-5,00 mts   |
| Nogal cafetero        | 4.82951591023058   | Milan  | arbol         | 7,1         | 5,01-10,00 mts  |
| Benjamin              | 4.829553662213932  | Milan  | arbol         | 7,1         | 5,01-10,00 mts  |
| Casco de vaca         | 4.829414680527382  | Milan  | arbol         | 9,1         | 5,01-10,00 mts  |
| Palma livistona       | 4.8293896260904905 | Milan  | Palma         | 3,1         | 2,01-5,00 mts   |
| Ficus bomba           | 4.829389915026146  | Milan  | arbol         | 7,3         | 5,01-10,00 mts  |
| Araucaria             | 4.829426380045835  | Milan  | arbol         | 21,3        | 15,01-28,00 mts |
| Araucaria             | 4.829476402915853  | Milan  | arbol         | 18,1        | 15,01-28,00 mts |
| Benjamin              | 4.829553662213932  | Milan  | arbol         | 9,7         | 5,01-10,00 mts  |
| Nanajo                | 4.829539964898024  | Milan  | arbol         | 3,9         | 2,01-5,00 mts   |
| Benjamin              | 4.829560009843176  | Milan  | arbol         | 10          | 5,01-10,00 mts  |
| Palma areca           | 4.829521924066875  | Milan  | Palma         | 0,61-8,1    | 0,00-2,00 mts   |
| Guayacan amarillo     | 4.829483170116881  | Milan  | arbol         | 2,8 - 6,30  | 5,01-10,00 mts  |
| Pino azul             | 4.8294113416691955 | Milan  | arbol         | 4,3         | 2,01-5,00 mts   |
| Palma manila          | 4.8295056344040695 | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma manila          | 4.829524343294757  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma manila          | 4.829535702167432  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Casco de vaca         | 4.82980682535415   | Milan  | arbol         | 9           | 5,01-10,00 mts  |
| Palma manila          | 4.82951404221097   | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma manila          | 4.829554132560256  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma manila          | 4.829582474241117  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma manila          | 4.829585146930948  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma manila          | 4.829588153707004  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma areca           | 4.829896063549533  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma manila          | 4.829804458018103  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma areca           | 4.82970374753147   | Milan  | Palma         | 2,4         | 5,01-10,00 mts  |
| Palma manila          | 4.829817219208072  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma manila          | 4.829827575880565  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma manila          | 4.82983358943227   | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma manila          | 4.8298429438499155 | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Mango                 | 4.829716778891947  | Milan  | arbol         | 0,71 - 7,10 | 5,01-10,00 mts  |
| Palma manila          | 4.829850961914641  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma quency          | 4.829748515079687  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma quency          | 4.8297615444383245 | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma quency          | 4.829783504121295  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma quency          | 4.829816000475103  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma quency          | 4.829822682197395  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma quency          | 4.829837047899967  | Milan  | Palma         | 2,4         | 5,01-10,00 mts  |
| Palma quency          | 4.8298514136022735 | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma quency          | 4.829890835760542  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma quency          | 4.82988417621311   | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma quency          | 4.829812551352513  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma quency          | 4.829817562646202  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma manila          | 4.829832262432865  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma quency          | 4.829870682328305  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma manila          | 4.829074583078146  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma quency          | 4.829128705000882  | Milan  | Palma         | 2,4         | 5,01-10,00 mts  |
| Palma quency          | 4.8291400842049114 | Milan  | Palma         | 2,4         | 5,01-10,00 mts  |
| Palma quency          | 4.829150420592902  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Palma quency          | 4.82926784751001   | Milan  | Palma         | 2,4         | 0,00-5,00 mts   |
| Tambor                | 4.829416018870682  | Milan  | arbol         | 21          | 15,01-28,00 mts |
| Tambor                | 4.829410005325903  | Milan  | arbol         | 18,6        | 15,01-28,00 mts |
| Tambor                | 4.829398980493704  | Milan  | arbol         | 21,6        | 15,01-28,00 mts |
| Palma areca           | 4.8295703665012795 | Milan  | Palma         | 2,4         | 5,01-10,00 mts  |
| Palma areca           | 4.829160443171317  | Milan  | Palma         | 2,4         | 2,01-5,00 mts   |
| Acacia amarilla       | 4.829094628237064  | Milan  | arbol         | 4,7         | 2,01-5,00 mts   |
| Acacia amarilla       | 4.829068235444374  | Milan  | arbol         | 7,3         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.829044849404866  | Milan  | arbol         | 5,7         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.829022063834408  | Milan  | arbol         | 5           | 2,01-5,00 mts   |
| Acacia amarilla       | 4.829880391146182  | Milan  | arbol         | 4,9         | 2,01-5,00 mts   |
| Acacia amarilla       | 4.8298616620052245 | Milan  | arbol         | 5,5         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.82983693963764   | Milan  | arbol         | 3,5         | 2,01-5,00 mts   |
| Acacia amarilla       | 4.829026917055929  | Milan  | arbol         | 5,2         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.829898853826382  | Milan  | arbol         | 0,51 - 5,10 | 0,00-2,00 mts   |
| Palma areca           | 4.8287N - 75.6747W | Milan  | Palma         | 5,8         | 5,01-15,00 mts  |
| Acacia amarilla       | 4.8286N - 75.6742W | Milan  | arbol         | 4,4         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8284N - 75.6743W | Milan  | arbol         | 2,9         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8284N - 75.6744W | Milan  | arbol         | 3           | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8284N - 75.6743W | Milan  | arbol         | 3,1         | 0,00-5,00 mts   |
| Gualanday             | 4.8283N - 75.6744W | Milan  | arbol         | 7,1         | 5,01-15,00 mts  |
| Palma areca           | 4.8283N - 75.6744W | Milan  | Palma         | 3,2         | 0,00-5,00 mts   |
| Palma areca           | 4.8283N - 75.6744W | Milan  | Palma         | 3,3         | 0,00-5,00 mts   |
| Palma de coco         | 4.8284N - 75.6743W | Milan  | Palma         | 4,8         | 0,00-5,00 mts   |
| Palma areca           | 4.8284N - 75.6743W | Milan  | Palma         | 2,8         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8288N - 75.6747W | Milan  | arbol         | 4,3         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8287N - 75.6748W | Milan  | arbol         | 2,9         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8287N - 75.6746W | Milan  | arbol         | 4,6         | 0,00-5,00 mts   |
| Palma Manila          | 4.8287N - 75.6746W | Milan  | Palma         | 5,3         | 0,00-5,00 mts   |
| Palma Manila          | 4.8287N - 75.6747W | Milan  | Palma         | 4,7         | 0,00-5,00 mts   |

| NOM_COM           | COORDENADA                              | BARRIO   | HAB_CRECII | H_mts_1      | Ranreo_aktu     |
|-------------------|---|----------|------------|--------------|-----------------|
| Palma Manila      | 4 8288N - 75.6747W                      | Milan    | Palma      | 5,5          | 5,01-15,00 mts  |
| Palma quency      | 4 8293N - 75.6772W                      | Milan    | Palma      | 7,5          | 5,01-15,00 mts  |
| Palma quency      | 4 8293N - 75.6772W                      | Milan    | Palma      | 8,1          | 5,01-15,00 mts  |
| Acacia amarilla   | 4 8290N - 75.6771W                      | Milan    | Arbol      | 3,2          | 0,00-5,00 mts   |
| Acacia amarilla   | 4 8291N - 75.6770W                      | Milan    | Arbol      | 2,8          | 0,00-5,00 mts   |
| Acacia amarilla   | 4 8290N - 75.6770W                      | Milan    | Arbol      | 2,9          | 0,00-5,00 mts   |
| Acacia amarilla   | 4 8290N - 75.6769W                      | Milan    | Arbol      | 3,1          | 0,00-5,00 mts   |
| Acacia amarilla   | 4 8290N - 75.6769W                      | Milan    | Arbol      | 3,4          | 0,00-5,00 mts   |
| Acacia amarilla   | 4 8290N - 75.6769W                      | Milan    | Arbol      | 4            | 0,00-5,00 mts   |
| Gualanday         | 4 8290N - 75.6767W                      | Milan    | Arbol      | 6,5          | 5,01-15,00 mts  |
| Palma areca       | 4 8294N - 75.6789W                      | Milan    | Palma      | 4,7          | 0,00-5,00 mts   |
| Calatemo          | 4 8294N - 75.6789W                      | Milan    | Arbol      | 5,5          | 5,01-10,00 mts  |
| Palma areca       | 4 8294N - 75.6789W                      | Milan    | Palma      | 5,2          | 5,01-10,00 mts  |
| Palma areca       | 4 8294N - 75.6789W                      | Milan    | Palma      | 6,3          | 5,01-10,00 mts  |
| Palma areca       | 4 8293N - 75.6787W                      | Milan    | Palma      | 5,1          | 5,01-10,00 mts  |
| Palma areca       | 4 8293N - 75.6786W                      | Milan    | Palma      | 6,2          | 5,01-10,00 mts  |
| Palma areca       | 4 8293N - 75.6786W                      | Milan    | Palma      | 6,3          | 5,01-10,00 mts  |
| Palma areca       | 4 8293N - 75.6784W                      | Milan    | Palma      | 6,5          | 5,01-10,00 mts  |
| Palma areca       | 4 8293N - 75.6784W                      | Milan    | Palma      | 6,4          | 5,01-10,00 mts  |
| Acacia amarilla   | 4 8293N - 75.6783W                      | Milan    | Arbol      | 7,0          | 5,01-10,00 mts  |
| Palma areca       | 4 8294N - 75.6783W                      | Milan    | Palma      | 5,9          | 5,01-10,00 mts  |
| Palma areca       | 4 8293N - 75.6772W                      | Milan    | Palma      | 4,8          | 5,01-10,00 mts  |
| Palma quency      | 4 8293N - 75.6772W                      | Milan    | Palma      | 7,2          | 5,01-10,00 mts  |
| Palma quency      | 4 8293N - 75.6771W                      | Milan    | Palma      | 7            | 5,01-10,00 mts  |
| Palma quency      | 4 8293N - 75.6772W                      | Milan    | Palma      | 6,8          | 5,01-10,00 mts  |
| Acacia amarilla   | 4 8287N - 75.6745W                      | Milan    | Arbol      | 2,1          | 0,00-5,00 mts   |
| Mango             | 4 8284N - 75.6743W                      | Milan    | Arbol      | 2            | 0,00-5,00 mts   |
| Acacia amarilla   | 4 8291N - 75.6771W                      | Milan    | Arbol      | 2,4          | 0,00-5,00 mts   |
| Araucaria         | 48295-756737                            | Milan    | Arbol      | 24           | > 20            |
| Fransosina        | 48292-756731                            | Milan    | Arbol      | 2,6          | 0,00-5,00 mts   |
| Palma areca       | 48289-756752                            | Milan    | Palma      | 4,2          | 0,00-5,00 mts   |
| Palma areca       | 48289-756753                            | Milan    | Palma      | 3,4          | 0,00-5,00 mts   |
| Palma areca       | 48289-756756                            | Milan    | Palma      | 3,2          | 0,00-5,00 mts   |
| Gualanday         | 48279-756744                            | Milan    | Arbol      | 6,8          | 5,01-15,00 mts  |
| Veranera          | 48293-756734                            | Milan    | Arbol      | 2,1          | 0,00-5,00 mts   |
| Palma areca       | 48288N - 756754W                        | Milan    | Palma      | 4,5          | 0,00-5,00 mts   |
| Palma areca       | 48288N - 756750W                        | Milan    | Palma      | 3,7          | 0,00-5,00 mts   |
| Guayabo dulce     | 4 837886043701614 - 75.6663249605696    | Modelo   | Arbol      | 7,8          | 5,01-10,00 mts  |
| Urapan            | 4 83787468492969 - 75.66628575325012    | Modelo   | Arbol      | 17,8         | 15,01-28,00 mts |
| Urapan            | 4 837799850632457 - 75.6661818176508    | Modelo   | Arbol      | 1,21 - 14,00 | 0,00-2,00 mts   |
| Urapan            | 4 837731697965348 - 75.66614493727684   | Modelo   | Arbol      | 13,3         | 10,01-15,00 mts |
| Urapan            | 4 837713323470599 - 75.66608224064112   | Modelo   | Arbol      | 2,01-20,1    | 2,01-5,00 mts   |
| Araucaria         | 4 837654191002261 - 75.66605374217033   | Modelo   | Arbol      | 22           | 15,01-28,00 mts |
| Urapan            | 4 837612096899627 - 75.66601140737835   | Modelo   | Arbol      | 1,51-15,1    | 0,00-2,00 mts   |
| araucaria         | 4 837612096899627 - 75.66599808633327   | Modelo   | Arbol      | 18,9         | 15,01-28,00 mts |
| Burumbo           | 4 837509867968029 - 75.66587202250957   | Modelo   | Arbol      | 8,3          | 5,01-10,00 mts  |
| Arbol pulpo       | 4 8375653252491775 - 75.665837413746119 | Modelo   | Arbol      | 3,5          | 2,01-5,00 mts   |
| araucaria         | 4 837629468951827 - 75.66532049328089   | Modelo   | Arbol      | 0,41-4,1     | 0,00-2,00 mts   |
| Arbol pulpo       | 4 837676240397838 - 75.66525410860778   | Modelo   | Arbol      | 4,5          | 2,01-5,00 mts   |
| Mango             | 4 836473879127462 - 75.6651022285223    | Modelo   | Arbol      | 0,61-6,1     | 0,00-2,00 mts   |
| Aguacate          | 4 8351- 75.6637                         | Modelo   | Arbol      | 2,9          | 0,00-5,00 mts   |
| Aguacate          | 4 8352- 75.6638                         | Modelo   | Arbol      | 1,6          | 0,00-5,00 mts   |
| Higueron          | 4 8381- 75.6659                         | Modelo   | Arbol      | 2,2          | 0,00-5,00 mts   |
| Dracena           | 4 8382- 75.6658                         | Modelo   | Arbol      | 3,5          | 0,00-5,00 mts   |
| Dracena           | 4 8377- 75.6653                         | Modelo   | Arbol      | 3,8          | 0,00-5,00 mts   |
| Dracena           | 4 8387- 75.6653                         | Modelo   | Arbol      | 3,9          | 0,00-5,00 mts   |
| Fransosina        | 4 8387- 75.6648                         | Modelo   | Arbol      | 2,5          | 0,00-5,00 mts   |
| Siete cueros      | 4 8387- 75.6647                         | Modelo   | Arbol      | 1,4          | 0,00-5,00 mts   |
| Fransosina        | 4 8387- 75.6648                         | Modelo   | Arbol      | 2,8          | 0,00-5,00 mts   |
| Guayacan amarillo | 4 8376- 75.6645                         | Modelo   | Arbol      | 3,7          | 0,00-5,00 mts   |
| Tulipan afroano   | 4 8374- 75.6645                         | Modelo   | Arbol      | 4,7          | 0,00-5,00 mts   |
| Guayabo dulce     | 4 8376- 75.6646                         | Modelo   | Arbol      | 3,6          | 0,00-5,00 mts   |
| Araucaria         | 4 8380N - 75.665W                       | Modelo   | Arbol      | 25           | 15,01-30,00 mts |
| Tulipan afroano   | 4 820768145231992 - 75.66962040960789   | Molvento | Arbol      | 2,3          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 8304663838706885 - 75.6698259859753   | Molvento | Arbol      | 2,7          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 83088566079384 - 75.66998083144426    | Molvento | Arbol      | 2,6          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 83109479803069 - 75.670283205051069   | Molvento | Arbol      | 2,4          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 831262508679609 - 75.67017763853073   | Molvento | Arbol      | 2            | 0,00-2,00 mts   |
| Acacia amarilla   | 4 83134369130357 - 75.670140434353741   | Molvento | Arbol      | 4,4          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 831663744532219 - 75.67005258053541   | Molvento | Arbol      | 2,3          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 831820096158019 - 75.67002777010202   | Molvento | Arbol      | 0,21-2,1     | 0,00-2,00 mts   |
| Acacia amarilla   | 4 831881567287267 - 75.67002508789301   | Molvento | Arbol      | 0,21-2,1     | 0,00-2,00 mts   |
| Palma zanzona     | 4 83113422005853 - 75.67022189497948    | Molvento | Palma      | 3,6          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 831161615025968 - 75.67014142870902   | Molvento | Arbol      | 2,7          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 83108778224585 - 75.6701099127531     | Molvento | Arbol      | 2,7          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 830883990368396 - 75.67001670598084   | Molvento | Arbol      | 2,7          | 2,01-5,00 mts   |
| Palma zanzona     | 4 83006708154489 - 75.67011527717115    | Molvento | Palma      | 2,9          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 831023972008824 - 75.67025844007729   | Molvento | Arbol      | 2,8          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 83000026452751 - 75.67019004374743    | Molvento | Arbol      | 2,9          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 830798130493457 - 75.67014779895543   | Molvento | Arbol      | 2,4          | 2,01-5,00 mts   |
| Tulipan afroano   | 4 83075336308354 - 75.67012567073107    | Molvento | Arbol      | 2,3          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 83063843778883 - 75.66992819300235    | Molvento | Arbol      | 3,1          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 83055124153184 - 75.66988460719585    | Molvento | Arbol      | 3,2          | 2,01-5,00 mts   |
| Tulipan afroano   | 4 83045286373202 - 75.66988564440012    | Molvento | Arbol      | 2,2          | 2,01-5,00 mts   |
| Tulipan afroano   | 4 829197860796067 - 75.66774880826776   | Molvento | Arbol      | 2,5          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 829179486069875 - 75.66750716418028   | Molvento | Arbol      | 2,6          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 829175811124583 - 75.6671192497015    | Molvento | Arbol      | 2,4          | 2,01-5,00 mts   |
| Acacia amarilla   | 4 8292539872293166 - 75.66745184361935  | Molvento | Arbol      | 2,7          | 2,01-5,00 mts   |
| Tulipan afroano   | 4 82925432131152 - 75.66745284944773    | Molvento | Arbol      | 2,2          | 2,01-5,00 mts   |
| Palma areca       | 48288 - 756663                          | Molvento | Palma      | 2,2          | 0,00-5,00 mts   |
| Palma areca       | 48286 - 756658                          | Molvento | Palma      | 2,4          | 0,00-5,00 mts   |
| Palma areca       | 48286 - 756656                          | Molvento | Palma      | 1,8          | 0,00-5,00 mts   |
| Palma areca       | 48287 - 756653                          | Molvento | Palma      | 2,3          | 0,00-5,00 mts   |
| Palma areca       | 48288 - 756661                          | Molvento | Palma      | 2,1          | 0,00-5,00 mts   |
| Palma areca       | 48286 - 756659                          | Molvento | Palma      | 2,4          | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 4            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 4            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 5            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 5            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 5            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 5            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 5            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 4            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 5            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 4            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 4            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 4            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 4            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 4            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 4            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 4            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 5            | 0,00-5,00 mts   |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 7            | 5,01-10,00 mts  |
| Acacia amarilla   | 483232595 - 75.67031423                 | Molvento | Arbol      | 5            | 0,00-5,00 mts   |
| Tulipan Afroano   | 483232595 - 75.67031423                 | Molvento | Arbol      | 4            | 0,00-5,00 mts   |



| NOM_COM           | COORDENADA            | BARRIO   | HAB_CRECH | H_mts_1 | Rango_altu    |
|-------------------|-----------------------|----------|-----------|---------|---------------|
| Palma area        | 483232595-75.67031423 | Molvento | Palma     | 2,3     | 0,00-5,00 mts |
| Palma area        | 483232595-75.67031423 | Molvento | Palma     | 2,1     | 0,00-5,00 mts |
| Lúvia de oro      | 483232595-75.67031423 | Molvento | arbol     | 2,3     | 0,00-5,00 mts |
| Guano             | 483232595-75.67031423 | Molvento | arbol     | 2,1     | 0,00-5,00 mts |
| Acacia amarilla   | 483232595-75.67031423 | Molvento | arbol     | 3,2     | 0,00-5,00 mts |
| Ebano             | 483232595-75.67031423 | Molvento | arbol     | 2       | 0,00-5,00 mts |
| Guayabo dulce     | 483232595-75.67031423 | Molvento | arbol     | 1,6     | 0,00-5,00 mts |
| Ebano             | 483232595-75.67031423 | Molvento | arbol     | 1,5     | 0,00-5,00 mts |
| Ebano             | 483232595-75.67031423 | Molvento | arbol     | 1,7     | 0,00-5,00 mts |
| Palma area        | 483232595-75.67031423 | Molvento | Palma     | 2,4     | 0,00-5,00 mts |
| Guayacan Rosado   | 483232595-75.67031423 | Molvento | arbol     | 2,7     | 0,00-5,00 mts |
| Ebano             | 483232595-75.67031423 | Molvento | arbol     | 1,5     | 0,00-5,00 mts |
| Palma quency      | 4 8295N - 75.6675W    | Molvento | Palma     | 7,5     | 5,01-15,00mts |
| Palma quency      | 4 8294N - 75.6676W    | Molvento | Palma     | 7,7     | 5,01-15,00mts |
| Palma quency      | 4 8294N - 75.6676W    | Molvento | Palma     | 8,1     | 5,01-15,00mts |
| Palma quency      | 4 8294N - 75.6672W    | Molvento | Palma     | 6,2     | 5,01-15,00mts |
| Palma quency      | 4 8295N - 75.6690W    | Molvento | Palma     | 3,6     | 0,00-5,00 mts |
| Palma quency      | 4 8295N - 75.6690W    | Molvento | Palma     | 2,4     | 0,00-5,00 mts |
| Palma quency      | 4 8296N - 75.6697W    | Molvento | Palma     | 3,2     | 0,00-5,00 mts |
| Palma quency      | 4 8296N - 75.6697W    | Molvento | Palma     | 3,7     | 0,00-5,00 mts |
| Palma quency      | 4 8296N - 75.6695W    | Molvento | Palma     | 2,6     | 0,00-5,00 mts |
| Palma quency      | 4 8296N - 75.6695W    | Molvento | Palma     | 2,3     | 0,00-5,00 mts |
| Palma quency      | 4 8296N - 75.6690W    | Molvento | Palma     | 2,1     | 0,00-5,00 mts |
| Palma quency      | 4 8296N - 75.6690W    | Molvento | Palma     | 2       | 0,00-5,00 mts |
| Palma quency      | 4 8296N - 75.6690W    | Molvento | Palma     | 2,3     | 0,00-5,00 mts |
| Palma area        | 4 8292N - 75.6690W    | Molvento | Palma     | 1,6     | 0,00-5,00 mts |
| Palma area        | 4 8293N - 75.6698W    | Molvento | Palma     | 1,6     | 0,00-5,00 mts |
| Palma area        | 4 8292N - 75.6696W    | Molvento | Palma     | 1,8     | 0,00-5,00 mts |
| Palma area        | 4 8292N - 75.6691W    | Molvento | Palma     | 1,9     | 0,00-5,00 mts |
| Palma area        | 4 8292N - 75.6692W    | Molvento | Palma     | 1,8     | 0,00-5,00 mts |
| Palma area        | 4 8293N - 75.6695W    | Molvento | Palma     | 2,1     | 0,00-5,00 mts |
| Palma area        | 4 8293N - 75.6695W    | Molvento | Palma     | 2       | 0,00-5,00 mts |
| Palma area        | 4 8297N - 75.6647W    | Molvento | Palma     | 1,8     | 0,00-5,00 mts |
| Palma area        | 4 8298N - 75.6647W    | Molvento | Palma     | 1,7     | 0,00-5,00 mts |
| Acacia amarilla   | 4 8310N - 75.6645W    | Molvento | arbol     | 3,2     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8309N - 75.6644W    | Molvento | arbol     | 6,4     | 5,01-15,00mts |
| Acacia amarilla   | 4 8310N - 75.6642W    | Molvento | arbol     | 3,2     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8310N - 75.6642W    | Molvento | arbol     | 4,9     | 0,00-5,00 mts |
| Acacia amarilla   | 4 8310N - 75.6641W    | Molvento | arbol     | 3,5     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8310N - 75.6641W    | Molvento | arbol     | 4,6     | 0,00-5,00 mts |
| Palma area        | 4 8310N - 75.6642W    | Molvento | Palma     | 2,1     | 0,00-5,00 mts |
| Palma area        | 4 8309N - 75.6640W    | Molvento | Palma     | 2,5     | 0,00-5,00 mts |
| Acacia amarilla   | 4 8309N - 75.6640W    | Molvento | arbol     | 2,3     | 0,00-5,00 mts |
| Palma area        | 4 8311N - 75.6645W    | Molvento | Palma     | 2,2     | 0,00-5,00 mts |
| Palma area        | 4 8309N - 75.6644W    | Molvento | Palma     | 1,8     | 0,00-5,00 mts |
| Palma area        | 4 8310N - 75.6647W    | Molvento | Palma     | 1,7     | 0,00-5,00 mts |
| Guayacan rosado   | 4 8279N - 75.6627W    | Molvento | arbol     | 3       | 0,00-5,00 mts |
| Tulipan Africano  | 4 8282N - 75.6627W    | Molvento | arbol     | 3,7     | 0,00-5,00 mts |
| Acacia amarilla   | 4 8279N - 75.6626W    | Molvento | arbol     | 2,2     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8279N - 75.6626W    | Molvento | arbol     | 4,1     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8280N - 75.6625W    | Molvento | arbol     | 3,3     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8281N - 75.6624W    | Molvento | arbol     | 4,2     | 0,00-5,00 mts |
| Acacia amarilla   | 4 8281N - 75.6624W    | Molvento | arbol     | 2,4     | 0,00-5,00 mts |
| San Joaquin       | 4 8282N - 75.6625W    | Molvento | Arbusto   | 2,1     | 0,00-5,00 mts |
| San Joaquin       | 4 8281N - 75.6624W    | Molvento | Arbusto   | 2,4     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8279N - 75.6631W    | Molvento | arbol     | 2,2     | 0,00-5,00 mts |
| Guayacan rosado   | 4 8280N - 75.6631W    | Molvento | arbol     | 2,7     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8279N - 75.6631W    | Molvento | arbol     | 1,7     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8280N - 75.6630W    | Molvento | arbol     | 2,3     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8280N - 75.6630W    | Molvento | arbol     | 2,4     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8278N - 75.6629W    | Molvento | arbol     | 2,3     | 0,00-5,00 mts |
| Guayacan rosado   | 4 8278N - 75.6629W    | Molvento | arbol     | 1,6     | 0,00-5,00 mts |
| Palma area        | 4 8278N - 75.6629W    | Molvento | Palma     | 2,1     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8278N - 75.6629W    | Molvento | arbol     | 2,2     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8278N - 75.6629W    | Molvento | arbol     | 3,2     | 0,00-5,00 mts |
| Guayacan rosado   | 4 8278N - 75.6629W    | Molvento | arbol     | 2,6     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8280N - 75.6627W    | Molvento | arbol     | 4,7     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8279N - 75.6627W    | Molvento | arbol     | 3,6     | 0,00-5,00 mts |
| Palma area        | 4 8282N - 75.6634W    | Molvento | Palma     | 2,1     | 0,00-5,00 mts |
| Guayacan rosado   | 4 8284N - 75.6634W    | Molvento | arbol     | 1,6     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8284N - 75.6635W    | Molvento | arbol     | 3,1     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8282N - 75.6636W    | Molvento | arbol     | 3       | 0,00-5,00 mts |
| Guayacan amarillo | 4 8281N - 75.6634W    | Molvento | arbol     | 3,1     | 0,00-5,00 mts |
| Palma area        | 4 8281N - 75.6634W    | Molvento | Palma     | 2,9     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8281N - 75.6634W    | Molvento | arbol     | 3,3     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8281N - 75.6633W    | Molvento | arbol     | 3,2     | 0,00-5,00 mts |
| Palma area        | 4 8281N - 75.6633W    | Molvento | Palma     | 3,1     | 0,00-5,00 mts |
| Palma zanca       | 4 8281N - 75.6632W    | Molvento | Palma     | 3,6     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8281N - 75.6632W    | Molvento | arbol     | 2,8     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8280N - 75.6632W    | Molvento | arbol     | 3,3     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8280N - 75.6632W    | Molvento | arbol     | 3,5     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8284N - 75.6630W    | Molvento | arbol     | 2,9     | 0,00-5,00 mts |
| Tulipan Africano  | 4 8284N - 75.6642W    | Molvento | arbol     | 2,8     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8284N - 75.6642W    | Molvento | arbol     | 3,3     | 0,00-5,00 mts |
| Tulipan africano  | 4 8284N - 75.6638W    | Molvento | arbol     | 2,8     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8281N - 75.6640W    | Molvento | arbol     | 3,3     | 0,00-5,00 mts |
| Tulipan africano  | 4 8281N - 75.6639W    | Molvento | arbol     | 3,1     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8281N - 75.6639W    | Molvento | arbol     | 2,9     | 0,00-5,00 mts |
| Carbonero negro   | 4 8281N - 75.6640W    | Molvento | arbol     | 7,8     | 5,01-15,00mts |
| Guayacan amarillo | 4 8281N - 75.6638W    | Molvento | arbol     | 3,1     | 0,00-5,00 mts |
| Tulipan africano  | 4 8281N - 75.6638W    | Molvento | arbol     | 3,5     | 0,00-5,00 mts |
| Acacia amarilla   | 4 8281N - 75.6637W    | Molvento | arbol     | 2,6     | 0,00-5,00 mts |
| Tulipan africano  | 4 8281N - 75.6637W    | Molvento | arbol     | 5,2     | 5,01-15,00mts |
| Palma area        | 4 8281N - 75.6637W    | Molvento | Palma     | 3,8     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8287N - 75.6636W    | Molvento | arbol     | 3,1     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8286N - 75.6636W    | Molvento | arbol     | 4       | 0,00-5,00 mts |
| Guayacan amarillo | 4 8286N - 75.6636W    | Molvento | arbol     | 4,2     | 0,00-5,00 mts |
| Palma area        | 4 8287N - 75.6635W    | Molvento | Palma     | 2,7     | 0,00-5,00 mts |
| Palma area        | 4 8286N - 75.6635W    | Molvento | Palma     | 2,8     | 0,00-5,00 mts |
| Palma quency      | 4 8285N - 75.6636W    | Molvento | Palma     | 2,6     | 0,00-5,00 mts |
| Gualanday         | 4 8283N - 75.6638W    | Molvento | arbol     | 2,9     | 0,00-5,00 mts |
| Palma area        | 4 8285N - 75.6638W    | Molvento | Palma     | 2,7     | 0,00-5,00 mts |
| Gualanday         | 4 8285N - 75.6638W    | Molvento | arbol     | 3       | 0,00-5,00 mts |
| Palma quency      | 4 8285N - 75.6638W    | Molvento | Palma     | 2,6     | 0,00-5,00 mts |
| Palma area        | 4 8285N - 75.6638W    | Molvento | Palma     | 2,9     | 0,00-5,00 mts |
| Tulipan africano  | 4 8285N - 75.6630W    | Molvento | arbol     | 2,9     | 0,00-5,00 mts |
| Guayacan amarillo | 4 8285N - 75.6630W    | Molvento | arbol     | 3,1     | 0,00-5,00 mts |
| Palma area        | 4 8302N - 75.6636W    | Molvento | Palma     | 2,4     | 0,00-5,00 mts |
| Palma area        | 4 8302N - 75.6636W    | Molvento | Palma     | 2,7     | 0,00-5,00 mts |
| Palma area        | 4 8296N - 75.6633W    | Molvento | Palma     | 3       | 0,00-5,00 mts |
| Palma area        | 4 8296N - 75.6634W    | Molvento | Palma     | 2,8     | 0,00-5,00 mts |
| Acacia amarilla   | 4 8290N - 75.6628W    | Molvento | arbol     | 2,6     | 0,00-5,00 mts |
| Palma area        | 4 8280N - 75.6629W    | Molvento | arbol     | 2,5     | 0,00-5,00 mts |

| NOM_COM         | COORDENADA         | BARRIO   | HAB_CRECH | H_mts_1 | Range_ofu     |
|-----------------|--------------------|----------|-----------|---------|---------------|
| Palma areca     | 4 8289N - 75.6630W | Molvente | Palma     | 2,8     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8288N - 75.6633W | Molvente | Árbol     | 4,8     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8288N - 75.6633W | Molvente | Árbol     | 3,3     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8287N - 75.6638W | Molvente | Árbol     | 5,2     | 0,00-5,00 mts |
| Guayacon rosado | 4 8287N - 75.6638W | Molvente | Árbol     | 3,3     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8286N - 75.6634W | Molvente | Árbol     | 2,9     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8286N - 75.6635W | Molvente | Árbol     | 2,8     | 0,00-5,00 mts |
| Palma quency    | 4 8291N - 75.6668W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Palma quency    | 4 8291N - 75.6668W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6667W | Molvente | Palma     | 3,3     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6665W | Molvente | Palma     | 4,1     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6664W | Molvente | Palma     | 3,6     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6664W | Molvente | Palma     | 3,4     | 0,00-5,00 mts |
| Palma quency    | 4 8291N - 75.6662W | Molvente | Palma     | 3,5     | 0,00-5,00 mts |
| Palma quency    | 4 8291N - 75.6662W | Molvente | Palma     | 3       | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6659W | Molvente | Palma     | 3,3     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6659W | Molvente | Palma     | 3,4     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6659W | Molvente | Palma     | 4       | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6659W | Molvente | Palma     | 2,8     | 0,00-5,00 mts |
| Acacia amarilla | 4 8292N - 75.6651W | Molvente | Árbol     | 5,4     | 0,00-5,00 mts |
| Acacia amarilla | 4 8307N - 75.6700W | Molvente | Árbol     | 4,2     | 0,00-5,00 mts |
| Palma quency    | 4 8293N - 75.6661W | Molvente | Palma     | 3       | 0,00-5,00 mts |
| Palma quency    | 4 8293N - 75.6660W | Molvente | Palma     | 3,3     | 0,00-5,00 mts |
| Palma quency    | 4 8291N - 75.6660W | Molvente | Palma     | 3,4     | 0,00-5,00 mts |
| Palma quency    | 4 8291N - 75.6660W | Molvente | Palma     | 3,6     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6676W | Molvente | Palma     | 3,5     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6676W | Molvente | Palma     | 3,4     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6676W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Palma quency    | 4 8293N - 75.6675W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6671W | Molvente | Palma     | 3,3     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6671W | Molvente | Palma     | 3,4     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6671W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6671W | Molvente | Palma     | 3,1     | 0,00-5,00 mts |
| Palma quency    | 4 8292N - 75.6669W | Molvente | Palma     | 3,5     | 0,00-5,00 mts |
| Palma quency    | 4 8289N - 75.6690W | Molvente | Palma     | 3,3     | 0,00-5,00 mts |
| Palma quency    | 4 8294N - 75.6690W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Palma quency    | 4 8291N - 75.6690W | Molvente | Palma     | 3       | 0,00-5,00 mts |
| Palma quency    | 4 8290N - 75.6689W | Molvente | Palma     | 3,1     | 0,00-5,00 mts |
| Palma quency    | 4 8290N - 75.6689W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Palma quency    | 4 8294N - 75.6687W | Molvente | Palma     | 3,3     | 0,00-5,00 mts |
| Palma quency    | 4 8293N - 75.6687W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Palma quency    | 4 8293N - 75.6687W | Molvente | Palma     | 3,4     | 0,00-5,00 mts |
| Palma quency    | 4 8294N - 75.6684W | Molvente | Palma     | 3,3     | 0,00-5,00 mts |
| Palma quency    | 4 8294N - 75.6685W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Palma quency    | 4 8294N - 75.6682W | Molvente | Palma     | 3,3     | 0,00-5,00 mts |
| Palma quency    | 4 8293N - 75.6682W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Palma quency    | 4 8293N - 75.6682W | Molvente | Palma     | 2,8     | 0,00-5,00 mts |
| Palma zancana   | 4 8300N - 75.6698W | Molvente | Palma     | 3,1     | 0,00-5,00 mts |
| Palma zancana   | 4 8300N - 75.6698W | Molvente | Palma     | 3,6     | 0,00-5,00 mts |
| Palma quency    | 4 8302N - 75.6698W | Molvente | Palma     | 3       | 0,00-5,00 mts |
| Palma quency    | 4 8302N - 75.6698W | Molvente | Palma     | 2,9     | 0,00-5,00 mts |
| Palma quency    | 4 8302N - 75.6697W | Molvente | Palma     | 3,1     | 0,00-5,00 mts |
| Palma quency    | 4 8290N - 75.6694W | Molvente | Palma     | 3,4     | 0,00-5,00 mts |
| Palma quency    | 4 8290N - 75.6694W | Molvente | Palma     | 3,1     | 0,00-5,00 mts |
| Palma quency    | 4 8291N - 75.6693W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Palma alejandra | 4 8289N - 75.6694W | Molvente | Palma     | 2,9     | 0,00-5,00 mts |
| Palma quency    | 4 8289N - 75.6694W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Palma quency    | 4 8294N - 75.6692W | Molvente | Palma     | 3,6     | 0,00-5,00 mts |
| Palma quency    | 4 8294N - 75.6692W | Molvente | Palma     | 3,5     | 0,00-5,00 mts |
| Palma quency    | 4 8289N - 75.6690W | Molvente | Palma     | 3,1     | 0,00-5,00 mts |
| Palma zancana   | 4 8318N - 75.6696W | Molvente | Palma     | 2,4     | 0,00-5,00 mts |
| Palma zancana   | 4 8317N - 75.6697W | Molvente | Palma     | 2,8     | 0,00-5,00 mts |
| Palma zancana   | 4 8317N - 75.6697W | Molvente | Palma     | 2,9     | 0,00-5,00 mts |
| Palma zancana   | 4 8317N - 75.6697W | Molvente | Palma     | 3,1     | 0,00-5,00 mts |
| Palma zancana   | 4 8314N - 75.6698W | Molvente | Palma     | 3,3     | 0,00-5,00 mts |
| Palma zancana   | 4 8315N - 75.6697W | Molvente | Palma     | 2,9     | 0,00-5,00 mts |
| Palma zancana   | 4 8315N - 75.6697W | Molvente | Palma     | 3,1     | 0,00-5,00 mts |
| Palma zancana   | 4 8313N - 75.6698W | Molvente | Palma     | 3       | 0,00-5,00 mts |
| Palma zancana   | 4 8313N - 75.6697W | Molvente | Palma     | 7,2     | 5,01-15,00mts |
| Palma zancana   | 4 8313N - 75.6697W | Molvente | Palma     | 3,3     | 0,00-5,00 mts |
| Palma zancana   | 4 8305N - 75.6699W | Molvente | Palma     | 5,8     | 5,01-15,00mts |
| Palma zancana   | 4 8301N - 75.6694W | Molvente | Palma     | 4,7     | 0,00-5,00 mts |
| Palma zancana   | 4 8301N - 75.6694W | Molvente | Palma     | 4,5     | 0,00-5,00 mts |
| Palma areca     | 4 8292N - 75.6668W | Molvente | Palma     | 2,5     | 0,00-5,00 mts |
| Acacia amarilla | 4 8292N - 75.6668W | Molvente | Árbol     | 5,5     | 5,01-15,00mts |
| Tulpan afroano  | 4 8293N - 75.6665W | Molvente | Árbol     | 3,4     | 0,00-5,00 mts |
| Acacia amarilla | 4 8292N - 75.6664W | Molvente | Árbol     | 3,7     | 0,00-5,00 mts |
| Palma areca     | 4 8292N - 75.6664W | Molvente | Palma     | 2,4     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8292N - 75.6662W | Molvente | Árbol     | 3,3     | 0,00-5,00 mts |
| Acacia amarilla | 4 8293N - 75.6662W | Molvente | Árbol     | 3,2     | 0,00-5,00 mts |
| Acacia amarilla | 4 8292N - 75.6662W | Molvente | Árbol     | 2,6     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8292N - 75.6662W | Molvente | Árbol     | 3       | 0,00-5,00 mts |
| Acacia amarilla | 4 8292N - 75.6662W | Molvente | Árbol     | 2,7     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8294N - 75.6658W | Molvente | Árbol     | 3,2     | 0,00-5,00 mts |
| Palma zancana   | 4 8322N - 75.6699W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Palma zancana   | 4 8318N - 75.6696W | Molvente | Palma     | 3,5     | 0,00-5,00 mts |
| Acacia amarilla | 4 8293N - 75.6678W | Molvente | Árbol     | 3,6     | 0,00-5,00 mts |
| Palma areca     | 4 8293N - 75.6677W | Molvente | Palma     | 3,1     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8293N - 75.6677W | Molvente | Árbol     | 4,7     | 0,00-5,00 mts |
| Acacia amarilla | 4 8290N - 75.6678W | Molvente | Árbol     | 3,2     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8291N - 75.6678W | Molvente | Árbol     | 3,4     | 0,00-5,00 mts |
| Acacia amarilla | 4 8291N - 75.6678W | Molvente | Árbol     | 5,3     | 5,01-15,00mts |
| Palma areca     | 4 8291N - 75.6678W | Molvente | Palma     | 2,7     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8294N - 75.6672W | Molvente | Árbol     | 3,8     | 0,00-5,00 mts |
| Palma areca     | 4 8294N - 75.6672W | Molvente | Palma     | 3       | 0,00-5,00 mts |
| Tulpan afroano  | 4 8294N - 75.6669W | Molvente | Árbol     | 3,4     | 0,00-5,00 mts |
| Acacia amarilla | 4 8294N - 75.6669W | Molvente | Árbol     | 3,3     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8294N - 75.6669W | Molvente | Árbol     | 2,9     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8294N - 75.6669W | Molvente | Árbol     | 2,8     | 0,00-5,00 mts |
| Gualanday       | 4 8302N - 75.6681W | Molvente | Árbol     | 7,8     | 5,01-15,00mts |
| Acacia amarilla | 4 8303N - 75.6680W | Molvente | Árbol     | 2,4     | 0,00-5,00 mts |
| Gualanday       | 4 8303N - 75.6680W | Molvente | Árbol     | 6,2     | 5,01-15,00mts |
| Acacia amarilla | 4 8303N - 75.6680W | Molvente | Árbol     | 3,2     | 0,00-5,00 mts |
| Gualanday       | 4 8304N - 75.6682W | Molvente | Árbol     | 7,8     | 5,01-15,00mts |
| Acacia amarilla | 4 8304N - 75.6682W | Molvente | Árbol     | 3,1     | 0,00-5,00 mts |
| Acacia amarilla | 4 8306N - 75.6680W | Molvente | Árbol     | 3,2     | 0,00-5,00 mts |
| Acacia amarilla | 4 8306N - 75.6678W | Molvente | Árbol     | 3,7     | 0,00-5,00 mts |
| Almendro        | 4 8306N - 75.6678W | Molvente | Árbol     | 2,6     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8306N - 75.6677W | Molvente | Árbol     | 5,8     | 0,00-5,00 mts |
| Acacia amarilla | 4 8306N - 75.6678W | Molvente | Árbol     | 4,9     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8293N - 75.6681W | Molvente | Árbol     | 4,2     | 0,00-5,00 mts |
| Palma areca     | 4 8293N - 75.6678W | Molvente | Palma     | 3,2     | 0,00-5,00 mts |
| Tulpan afroano  | 4 8290N - 75.6694W | Molvente | Árbol     | 2,9     | 0,00-5,00 mts |

| NOM_COM              | COORDENADA                              | BARRIO                  | HAB CRECII | H_mts_1   | Rango_altu      |
|----------------------|---|-------------------------|------------|-----------|-----------------|
| Acacia amarilla      | 4 8294N - 75.6694W                      | Molvente                | árbol      | 3,2       | 0,00-5,00 mts   |
| Tulipán africano     | 4 8294N - 75.6694W                      | Molvente                | árbol      | 3,3       | 0,00-5,00 mts   |
| Acacia amarilla      | 4 8294N - 75.6694W                      | Molvente                | árbol      | 3,3       | 0,00-5,00 mts   |
| Tulipán africano     | 4 8289N - 75.6692W                      | Molvente                | árbol      | 3,4       | 0,00-5,00 mts   |
| Acacia amarilla      | 4 8292N - 75.6691W                      | Molvente                | árbol      | 3,2       | 0,00-5,00 mts   |
| Tulipán africano     | 4 8292N - 75.6691W                      | Molvente                | árbol      | 4         | 0,00-5,00 mts   |
| Acacia amarilla      | 4 8292N - 75.6690W                      | Molvente                | árbol      | 3,5       | 0,00-5,00 mts   |
| Acacia amarilla      | 4 8291N - 75.6687W                      | Molvente                | árbol      | 5,1       | 5,01-15,00mts   |
| Guslanday            | 4 8296N - 75.6680W                      | Molvente                | árbol      | 8,3       | 5,01-15,00mts   |
| Acacia amarilla      | 4 8296N - 75.6680W                      | Molvente                | árbol      | 3,1       | 0,00-5,00 mts   |
| Guslanday            | 4 8298N - 75.6680W                      | Molvente                | árbol      | 6,2       | 5,01-15,00mts   |
| Acacia amarilla      | 4 8299N - 75.6680W                      | Molvente                | árbol      | 3,2       | 0,00-5,00 mts   |
| Tulipán africano     | 4 8290N - 75.6691W                      | Molvente                | árbol      | 2,9       | 0,00-5,00 mts   |
| Guayacan amarillo    | 4 8311N - 75.6696W                      | Molvente                | árbol      | 3,2       | 0,00-5,00 mts   |
| Guayacan amarillo    | 4 8309N - 75.6691W                      | Molvente                | árbol      | 2,4       | 0,00-5,00 mts   |
| Acacia amarilla      | 4 8306N - 75.6699W                      | Molvente                | árbol      | 6,5       | 0,00-5,00 mts   |
| Tulipán africano     | 4 8306N - 75.6699W                      | Molvente                | árbol      | 5,2       | 0,00-5,00 mts   |
| Acacia amarilla      | 4 8305N - 75.6699W                      | Molvente                | árbol      | 3,1       | 0,00-5,00 mts   |
| Tulipán africano     | 4 8295N - 75.6695W                      | Molvente                | árbol      | 3,3       | 0,00-5,00 mts   |
| Acacia amarilla      | 4 8290N - 75.6695W                      | Molvente                | árbol      | 4,8       | 0,00-5,00 mts   |
| Tulipán africano     | 4 8292N - 75.6695W                      | Molvente                | árbol      | 3,6       | 0,00-5,00 mts   |
| Acacia amarilla      | 4 8300N - 75.6698W                      | Molvente                | árbol      | 3,5       | 0,00-5,00 mts   |
| Tulipán africano     | 4 8300N - 75.6695W                      | Molvente                | árbol      | 3,1       | 0,00-5,00 mts   |
| Acacia amarilla      | 4 8300N - 75.6697W                      | Molvente                | árbol      | 2,6       | 0,00-5,00 mts   |
| Tulipán africano     | 4 8295N - 75.6695W                      | Molvente                | árbol      | 4,1       | 0,00-5,00 mts   |
| Acacia amarilla      | 4 8295N - 75.6695W                      | Molvente                | árbol      | 4,7       | 0,00-5,00 mts   |
| Acacia amarilla      | 4 8316N - 75.6699W                      | Molvente                | árbol      | 8,5       | 5,01-15,00mts   |
| Acacia amarilla      | 4 8313N - 75.6699W                      | Molvente                | árbol      | 5,4       | 5,01-15,00mts   |
| Guayacan amarillo    | 4 8309N - 75.6697W                      | Molvente                | árbol      | 5,1       | 5,01-15,00mts   |
| Guayacan amarillo    | 4 8309N - 75.6697W                      | Molvente                | árbol      | 3,3       | 0,00-5,00 mts   |
| Draena               | 4 8309N - 75.6697W                      | Molvente                | árbol      | 3,1       | 0,00-5,00 mts   |
| Guayacan amarillo    | 4 8310N - 75.6696W                      | Molvente                | árbol      | 2,6       | 0,00-5,00 mts   |
| Caracolí             | 4 8315N - 75.6699W                      | Molvente                | árbol      | 2,7       | 0,00-5,00 mts   |
| Guayacan amarillo    | 4 8313N - 75.6699W                      | Molvente                | árbol      | 2,4       | 0,00-5,00 mts   |
| Jazmín de noche      | 4 8314N - 75.6699W                      | Molvente                | árbol      | 2,4       | 0,00-5,00 mts   |
| Guayacan amarillo    | 4 8312N - 75.6696W                      | Molvente                | árbol      | 3,8       | 0,00-5,00 mts   |
| Guayacan amarillo    | 4 8312N - 75.6696W                      | Molvente                | árbol      | 4,4       | 0,00-5,00 mts   |
| Guayacan amarillo    | 4 8306N - 75.6695W                      | Molvente                | árbol      | 3,1       | 0,00-5,00 mts   |
| Fraoesina            | 4 8325N - 75.6704W                      | Molvente                | árbol      | 2,6       | 0,00-5,00 mts   |
| Fraoesina            | 4 8327N - 75.6706W                      | Molvente                | árbol      | 2,6       | 0,00-5,00 mts   |
| Fraoesina            | 4 8322N - 75.6704W                      | Molvente                | árbol      | 2,5       | 0,00-5,00 mts   |
| Fraoesina            | 4 8321N - 75.6702W                      | Molvente                | árbol      | 2,7       | 0,00-5,00 mts   |
| Palma de coco        | 4 8322N - 75.6704W                      | Molvente                | Palma      | 3         | 0,00-5,00 mts   |
| Fraoesina            | 4 8327N - 75.6704W                      | Molvente                | árbol      | 2,5       | 0,00-5,00 mts   |
| Fraoesina            | 4 8327N - 75.6704W                      | Molvente                | árbol      | 2,9       | 0,00-5,00 mts   |
| Fraoesina            | 4 8326N - 75.6701W                      | Molvente                | árbol      | 2,8       | 0,00-5,00 mts   |
| Fraoesina            | 4 8327N - 75.6701W                      | Molvente                | árbol      | 2,7       | 0,00-5,00 mts   |
| Fraoesina            | 4 8327N - 75.6701W                      | Molvente                | árbol      | 2,5       | 0,00-5,00 mts   |
| Acacia amarilla      | 4 8318N - 75.6698W                      | Molvente                | árbol      | 3,5       | 0,00-5,00 mts   |
| Acacia amarilla      | 4 8321N - 75.6698W                      | Molvente                | árbol      | 3,7       | 0,00-5,00 mts   |
| Guayacan amarillo    | 4 8321N - 75.6699W                      | Molvente                | árbol      | 3,2       | 0,00-5,00 mts   |
| Palma Manila         | 4 8297 - 75.6652                        | Molvente                | Palma      | 2         | 0,00-5,00 mts   |
| Palma Manila         | 4 8297 - 75.6651                        | Molvente                | Palma      | 2         | 0,00-5,00 mts   |
| Palma Manila         | 4 8298 - 75.6651                        | Molvente                | Palma      | 2         | 0,00-5,00 mts   |
| Palma Manila         | 4 8298 - 75.6650                        | Molvente                | Palma      | 2         | 0,00-5,00 mts   |
| Palma Manila         | 4 8298 - 75.6650                        | Molvente                | Palma      | 2         | 0,00-5,00 mts   |
| Palma Manila         | 4 8299 - 75.6649                        | Molvente                | Palma      | 2         | 0,00-5,00 mts   |
| Palma Manila         | 4 8299 - 75.6648                        | Molvente                | Palma      | 2         | 0,00-5,00 mts   |
| Palma Manila         | 4 8300 - 75.6647                        | Molvente                | Palma      | 2         | 0,00-5,00 mts   |
| Palma Manila         | 4 8300 - 75.6646                        | Molvente                | Palma      | 2         | 0,00-5,00 mts   |
| Palma Manila         | 4 8301 - 75.6645                        | Molvente                | Palma      | 2         | 0,00-5,00 mts   |
| Palma Manila         | 4 8301 - 75.6644                        | Molvente                | Palma      | 2         | 0,00-5,00 mts   |
| Palma Manila         | 4 8302 - 75.6643                        | Molvente                | Palma      | 2         | 0,00-5,00 mts   |
| Palma Manila         | 4 8302 - 75.6643                        | Molvente                | Palma      | 2         | 0,00-5,00 mts   |
| Pino frances careado | 4 858334199748652 - 75.66237039964063   | Nueva Colombia          | árbol      | 7,4       | 5,01-10,00 mts  |
| Orto                 | 4 858651905531614 - 75.66213671118021   | Nueva Colombia          | Arbusto    | 3         | 2,01-5,00 mts   |
| Nogal cafetero       | 4 858488878682342 - 75.66231273114681   | Nueva Colombia          | árbol      | 7 - 12,00 | 5,01-10,00 mts  |
| Araucaria            | 4 8277873485496805 - 75.683269836008855 | opalo - zona industrial | árbol      | 16        | 15,01-28,00 mts |
| Palma manila         | 4 827749930847122 - 75.683305375278     | opalo - zona industrial | Palma      | 3         | 2,01-5,00 mts   |
| Palma manila         | 4 827720531222293 - 75.68331744521856   | opalo - zona industrial | Palma      | 2         | 0,00-2,00 mts   |
| Palma manila         | 4 827697145156071 - 75.68332716222624   | opalo - zona industrial | Palma      | 2         | 0,00-2,00 mts   |
| Palma manila         | 4 827671754569049 - 75.68334896117449   | opalo - zona industrial | Palma      | 2         | 0,00-2,00 mts   |
| Palma manila         | 4 827678770360231 - 75.68335941301823   | opalo - zona industrial | Palma      | 2         | 0,00-2,00 mts   |
| Palma manila         | 4 827253805224536 - 75.68359583297314   | opalo - zona industrial | Palma      | 2,5       | 2,01-5,00 mts   |
| Palma manila         | 4 827135545239409 - 75.68362791091204   | opalo - zona industrial | Palma      | 3         | 2,01-5,00 mts   |
| Palma manila         | 4 827122181751612 - 75.68364903330803   | opalo - zona industrial | Palma      | 3,2       | 2,01-5,00 mts   |
| Palma manila         | 4 827025964713668 - 75.6837211176753    | opalo - zona industrial | Palma      | 2,6       | 2,01-5,00 mts   |
| Palma manila         | 4 826986208360015 - 75.68374626338482   | opalo - zona industrial | Palma      | 2,7       | 2,01-5,00 mts   |
| Palma cubana         | 4 827200024016103 - 75.68383410573006   | opalo - zona industrial | Palma      | 12        | 10,01-15,00 mts |
| Palma cubana         | 4 82704935802971 - 75.68396589024791    | opalo - zona industrial | Palma      | 13        | 10,01-15,00 mts |
| Palma manila         | 4 826920393214814 - 75.68379454314709   | opalo - zona industrial | Palma      | 2,7       | 2,01-5,00 mts   |
| Palma manila         | 4 8268026639892795 - 75.68381365388632  | opalo - zona industrial | Palma      | 2,5       | 2,01-5,00 mts   |
| Palma manila         | 4 826478061819471 - 75.6841355189681    | opalo - zona industrial | Palma      | 3         | 2,01-5,00 mts   |
| Palma manila         | 4 826446991703066 - 75.68409193307161   | opalo - zona industrial | Palma      | 2,5       | 2,01-5,00 mts   |
| Palma manila         | 4 826407569402793 - 75.68405874073505   | opalo - zona industrial | Palma      | 2,7       | 2,01-5,00 mts   |
| Palma manila         | 4 826378503807046 - 75.6840218603611    | opalo - zona industrial | Palma      | 3         | 2,01-5,00 mts   |
| Palma manila         | 4 826360463091829 - 75.683956505394     | opalo - zona industrial | Palma      | 2,8       | 2,01-5,00 mts   |
| Palma manila         | 4 826320372611823 - 75.68392798304558   | opalo - zona industrial | Palma      | 2,8       | 2,01-5,00 mts   |
| Palma manila         | 4 826340083764792 - 75.68382639437914   | opalo - zona industrial | Palma      | 4         | 2,01-5,00 mts   |
| Palma manila         | 4 826242196169035 - 75.68378448488328   | opalo - zona industrial | Palma      | 3,4       | 2,01-5,00 mts   |
| Palma manila         | 4 826218141877127 - 75.68373955786228   | opalo - zona industrial | Palma      | 3,2       | 2,01-5,00 mts   |
| Palma manila         | 4 826184064962147 - 75.6836986541748    | opalo - zona industrial | Palma      | 3,6       | 2,01-5,00 mts   |
| Palma manila         | 4 826172371902675 - 75.6836711615324    | opalo - zona industrial | Palma      | 3,7       | 2,01-5,00 mts   |
| Palma manila         | 4 826159335706525 - 75.68363394588232   | opalo - zona industrial | Palma      | 4         | 2,01-5,00 mts   |
| Palma manila         | 4 8261299427995255 - 75.68360276520252  | opalo - zona industrial | Palma      | 4,2       | 2,01-5,00 mts   |
| Palma manila         | 4 826124931487953 - 75.68356152623892   | opalo - zona industrial | Palma      | 3         | 2,01-5,00 mts   |
| Palma manila         | 4 826106890755993 - 75.6835471036546    | opalo - zona industrial | Palma      | 2,9       | 2,01-5,00 mts   |
| Palma manila         | 4 82609052048083 - 75.68349715322256    | opalo - zona industrial | Palma      | 3,2       | 2,01-5,00 mts   |
| Palma manila         | 4 826082168254378 - 75.68350654095411   | opalo - zona industrial | Palma      | 2,8       | 2,01-5,00 mts   |
| Palma manila         | 4 826048759547514 - 75.68344116210938   | opalo - zona industrial | Palma      | 3,6       | 2,01-5,00 mts   |
| Palma manila         | 4 826031386998493 - 75.68343345075847   | opalo - zona industrial | Palma      | 3,4       | 2,01-5,00 mts   |
| Palma manila         | 4 826036064223266 - 75.68342238664627   | opalo - zona industrial | Palma      | 3,8       | 2,01-5,00 mts   |
| Palma manila         | 4 825811891485082 - 75.68303648382425   | opalo - zona industrial | Palma      | 2,8       | 2,01-5,00 mts   |
| Palma manila         | 4 82577814549683 - 75.6829359009862     | opalo - zona industrial | Palma      | 2,9       | 2,01-5,00 mts   |
| Palma manila         | 4 82575175715603 - 75.6828426946266     | opalo - zona industrial | Palma      | 2,9       | 2,01-5,00 mts   |
| Palma manila         | 4 825713669725494 - 75.6827885919889    | opalo - zona industrial | Palma      | 2,8       | 2,01-5,00 mts   |
| Palma manila         | 4 825714003813146 - 75.68266675804663   | opalo - zona industrial | Palma      | 2,5       | 2,01-5,00 mts   |
| Palma manila         | 4 825728703869209 - 75.68302650926433   | opalo - zona industrial | Palma      | 2,7       | 2,01-5,00 mts   |
| Palma manila         | 4 826010339486584 - 75.68350620567799   | opalo - zona industrial | Palma      | 2,6       | 2,01-5,00 mts   |
| Palma manila         | 4 826035396048293 - 75.68356789648533   | opalo - zona industrial | Palma      | 2,4       | 2,01-5,00 mts   |
| Tulipán Africano     | 4 8255 - 75.6835                        | opalo - zona industrial | árbol      | 3,2       | 0,00-5,00 mts   |
| Tulipán Africano     | 4 8253 - 75.6836                        | opalo - zona industrial | árbol      | 3,3       | 0,00-5,00 mts   |

| NOM_COM           | COORDENADA                           | BARRIO                  | HAB_CRECH | H_mts_1  | Ranqueo_10tu   |
|-------------------|--------------------------------------|-------------------------|-----------|----------|----------------|
| Tulipan Africano  | 4 8252- 75 6833                      | opalo - zona industrial | arbol     | 4,7      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8252- 75 6833                      | opalo - zona industrial | arbol     | 2,8      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8247- 75 6831                      | opalo - zona industrial | arbol     | 4,1      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8247- 75 6831                      | opalo - zona industrial | arbol     | 5        | 0,00-5,00 mts  |
| Dracena           | 4 8246- 75 6832                      | opalo - zona industrial | Arbusto   | 4,2      | 0,00-5,00 mts  |
| Palma manila      | 4 8271- 75 6840                      | opalo - zona industrial | Palma     | 3,7      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8245- 75 6832                      | opalo - zona industrial | arbol     | 2,2      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8247- 75 6831                      | opalo - zona industrial | arbol     | 5,9      | 5,01-15,00 mts |
| Tulipan Africano  | 4 8244- 75 6831                      | opalo - zona industrial | arbol     | 4,2      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8244- 75 6831                      | opalo - zona industrial | arbol     | 2,4      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8256- 75 6831                      | opalo - zona industrial | arbol     | 3,9      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8245- 75 6832                      | opalo - zona industrial | arbol     | 2,8      | 0,00-5,00 mts  |
| Palma manila      | 4 8252- 75 6836                      | opalo - zona industrial | Palma     | 2,8      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8250- 75 6831                      | opalo - zona industrial | arbol     | 3,1      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8253- 75 6828                      | opalo - zona industrial | arbol     | 6,3      | 5,01-15,00 mts |
| Tulipan Africano  | 4 8256- 75 6831                      | opalo - zona industrial | arbol     | 4,2      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8259- 75 6830                      | opalo - zona industrial | arbol     | 3        | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8257- 75 6829                      | opalo - zona industrial | arbol     | 4,2      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8257- 75 6829                      | opalo - zona industrial | arbol     | 5,5      | 5,01-15,00 mts |
| Tulipan Africano  | 4 8258- 75 6829                      | opalo - zona industrial | arbol     | 4,1      | 0,00-5,00 mts  |
| Guayacan Amarillo | 48250- 75 6840                       | opalo - zona industrial | Arbol     | 1,9      | 0,00-5,00 mts  |
| Guayacan Amarillo | 48251- 75 6841                       | opalo - zona industrial | arbol     | 1,7      | 0,00-5,00 mts  |
| Guayacan Amarillo | 48251- 75 6842                       | opalo - zona industrial | arbol     | 1,8      | 0,00-5,00 mts  |
| Guayacan Amarillo | 48251- 75 6842                       | opalo - zona industrial | arbol     | 2,1      | 0,00-5,00 mts  |
| Guayacan Amarillo | 48251- 75 6842                       | opalo - zona industrial | arbol     | 2,05     | 0,00-5,00 mts  |
| Guayacan Amarillo | 48251- 75 6844                       | opalo - zona industrial | arbol     | 2        | 0,00-5,00 mts  |
| Acacia            | 482536193- 75 68482477               | opalo - zona industrial | arbol     | 3        | 0,00-5,00 mts  |
| Acacia            | 4825335- 75 68477372                 | opalo - zona industrial | arbol     | 3        | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8262- 75 6836                      | opalo - zona industrial | arbol     | 3,8      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8262- 75 6836                      | opalo - zona industrial | arbol     | 4        | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8262- 75 6835                      | opalo - zona industrial | arbol     | 3,6      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8262- 75 6835                      | opalo - zona industrial | arbol     | 4,4      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8260- 75 6831                      | opalo - zona industrial | arbol     | 4,1      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8260- 75 6831                      | opalo - zona industrial | arbol     | 3,9      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8260- 75 6832                      | opalo - zona industrial | arbol     | 4,2      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8260- 75 6832                      | opalo - zona industrial | arbol     | 3,3      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8260- 75 6831                      | opalo - zona industrial | arbol     | 4,4      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8259- 75 6831                      | opalo - zona industrial | arbol     | 4        | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8259- 75 6831                      | opalo - zona industrial | arbol     | 3,9      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8260- 75 6830                      | opalo - zona industrial | arbol     | 4,1      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8260- 75 6830                      | opalo - zona industrial | arbol     | 3,8      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8259- 75 6830                      | opalo - zona industrial | arbol     | 3,1      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8259- 75 6830                      | opalo - zona industrial | arbol     | 4        | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8259- 75 6830                      | opalo - zona industrial | arbol     | 3,5      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8247- 75 6831                      | opalo - zona industrial | arbol     | 2,7      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8248- 75 6833                      | opalo - zona industrial | arbol     | 4,2      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8248- 75 6833                      | opalo - zona industrial | arbol     | 2,4      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8248- 75 6833                      | opalo - zona industrial | arbol     | 4,1      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8240- 75 6833                      | opalo - zona industrial | arbol     | 3,8      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8240- 75 6833                      | opalo - zona industrial | arbol     | 3,9      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8256- 75 6836                      | opalo - zona industrial | arbol     | 4,2      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8256- 75 6836                      | opalo - zona industrial | arbol     | 3,7      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8255- 75 6836                      | opalo - zona industrial | arbol     | 3,6      | 0,00-5,00 mts  |
| Tulipan Africano  | 4 8255- 75 6835                      | opalo - zona industrial | arbol     | 5,1      | 5,01-15,00 mts |
| Urapan            | 4 8366- 75 6611                      | Panorama country        | arbol     | 5,4      | 5,01-15,00 mts |
| Tulipan Africano  | 4 8365- 75 6611                      | Panorama country        | arbol     | 4,2      | 0,00-5,00 mts  |
| Urapan            | 4 8367- 75 6611                      | Panorama country        | arbol     | 4        | 0,00-5,00 mts  |
| Urapan            | 4 8365- 75 6613                      | Panorama country        | arbol     | 7,1      | 5,01-15,00 mts |
| Urapan            | 4 8366- 75 6612                      | Panorama country        | arbol     | 4,3      | 0,00-5,00 mts  |
| Casco de vaca     | 4 8418- 75 6967                      | Panorama country        | arbol     | 8,4      | 5,01-15,00 mts |
| Aguaate           | 4 8419- 75 6967                      | Panorama country        | arbol     | 6,1      | 5,01-15,00 mts |
| Limon             | 4 8420- 75 6969                      | Panorama country        | arbol     | 1,9      | 0,00-5,00 mts  |
| Mango             | 4 8418- 75 6969                      | Panorama country        | arbol     | 2,1      | 0,00-5,00 mts  |
| Marney            | 4 8418- 75 6968                      | Panorama country        | arbol     | 1,9      | 0,00-5,00 mts  |
| Aguaate           | 4 8416- 75 6571                      | Panorama country        | arbol     | 6,2      | 5,01-15,00 mts |
| Croto             | 4 8421- 75 6574                      | Panorama country        | arbol     | 2,3      | 0,00-5,00 mts  |
| Dracena           | 4 8421- 75 6574                      | Panorama country        | arbol     | 4,2      | 0,00-5,00 mts  |
| Almendra          | 4 8423- 75 6574                      | Panorama country        | arbol     | 2,3      | 0,00-5,00 mts  |
| Dracena           | 4 8421- 75 6574                      | Panorama country        | arbol     | 2,7      | 0,00-5,00 mts  |
| guayabo dulce     | 4 8428- 75 6580                      | Panorama country        | arbol     | 3,4      | 0,00-5,00 mts  |
| Cipres            | 4 8358- 75 6615                      | Panorama country        | arbol     | 2,9      | 0,00-5,00 mts  |
| Leucaena          | 4 8358- 75 6617                      | Panorama country        | arbol     | 4,2      | 0,00-5,00 mts  |
| Urapan            | 4 8360- 75 6613                      | Panorama country        | arbol     | 6,1      | 5,01-15,00 mts |
| Pino libro        | 4 8362- 75 6612                      | Panorama country        | arbol     | 2,4      | 0,00-5,00 mts  |
| Cedro japonés     | 4 8361- 75 6611                      | Panorama country        | arbol     | 6,3      | 5,01-15,00 mts |
| Cedro japonés     | 4 8359- 75 6611                      | Panorama country        | arbol     | 1,8      | 0,00-5,00 mts  |
| Cedro japonés     | 4 8361- 75 6611                      | Panorama country        | arbol     | 3,2      | 0,00-5,00 mts  |
| Yarumo            | 4 8358- 75 6608                      | Panorama country        | arbol     | 2,2      | 0,00-5,00 mts  |
| Dracena           | 4 8358- 75 6608                      | Panorama country        | Arbusto   | 4,8      | 0,00-5,00 mts  |
| Cedro japonés     | 4 8360- 75 6608                      | Panorama country        | arbol     | 1,6      | 0,00-5,00 mts  |
| Palo de la cruz   | 4 8362- 75 6609                      | Panorama country        | arbol     | 6,2      | 5,01-15,00 mts |
| Urapan            | 4 8368- 75 6610                      | Panorama country        | arbol     | 5,8      | 5,01-15,00 mts |
| Guayacan rosado   | 4 8355- 75 6610                      | Panorama country        | arbol     | 3,4      | 0,00-5,00 mts  |
| Aguaate           | 4 8357- 75 6614                      | Panorama country        | arbol     | 2,2      | 0,00-5,00 mts  |
| Casco de vaca     | 4 836193249904567- 75 66031347960234 | Panorama Country 1      | arbol     | 4,8      | 2,01-5,00 mts  |
| Palma quency      | 4 836695132747541- 75 66088009625673 | Panorama Country 1      | Palma     | 2,9      | 2,01-5,00 mts  |
| Aguaate           | 4 836019861076582- 75 66072352230549 | Panorama Country 1      | arbol     | 6,1      | 5,01-10,00 mts |
| Palma areca       | 4 83602286781965- 75 66070642322302  | Panorama Country 1      | Palma     | 2,4      | 2,01-5,00 mts  |
| Palma areca       | 4 836656622142208- 75 66091261804104 | Panorama Country 1      | Palma     | 0,21-2,1 | 0,00-2,00 mts  |
| Aguaate           | 4 836805956890940- 75 66090006682634 | Panorama Country 1      | arbol     | 4,2      | 2,01-5,00 mts  |
| Carbonero rojo    | 4 836094605566551- 75 66087272018194 | Panorama Country 1      | arbol     | 4        | 2,01-5,00 mts  |
| Carbonero rojo    | 4 836136455881019- 75 6608048981667  | Panorama Country 1      | arbol     | 3,2      | 2,01-5,00 mts  |
| Limon mandarino   | 4 836182559265195- 75 66092690963837 | Panorama Country 1      | arbol     | 3,5      | 2,01-5,00 mts  |
| Sauco             | 4 836212960770433- 75 66093608736902 | Panorama Country 1      | Arbusto   | 2,9      | 2,01-5,00 mts  |
| Mandarino         | 4 836138460378041- 75 66121336072683 | Panorama Country 1      | arbol     | 3,5      | 2,01-5,00 mts  |
| Guayabo dulce     | 4 836054939744776- 75 66159356385468 | Panorama Country 1      | arbol     | 4,3      | 2,01-5,00 mts  |
| Mango             | 4 836062269660744- 75 66170923411846 | Panorama Country 1      | arbol     | 3,3      | 2,01-5,00 mts  |
| Guayabo dulce     | 4 835974759929079- 75 6613478064537  | Panorama Country 1      | arbol     | 4,7      | 2,01-5,00 mts  |
| palma areca       | 4 836020863304271- 75 66111110150814 | Panorama Country 1      | Palma     | 3,2      | 2,01-5,00 mts  |
| Palma de coco     | 4 835904936665178- 75 6610370054841  | Panorama Country 1      | Palma     | 4,9      | 2,01-5,00 mts  |
| Cedro japonés     | 4 835786007738204- 75 6610782444477  | Panorama Country 1      | arbol     | 4,1      | 2,01-5,00 mts  |
| Pino libro        | 4 835753931304252- 75 66101655364037 | Panorama Country 1      | arbol     | 2,6      | 2,01-5,00 mts  |
| palma areca       | 4 835738563500142- 75 66101085394621 | Panorama Country 1      | Palma     | 5,2      | 5,01-10,00 mts |
| palma areca       | 4 835457265806886- 75 66100347787142 | Panorama Country 1      | Palma     | 3,7      | 2,01-5,00 mts  |
| Casco de vaca     | 4 83626- 75 660227499                | Panorama Country 1      | arbol     | 8        | 5,01-10,00 mts |
| Palma areca       | 4 8367- 75 6607                      | Panorama Country 1      | Palma     | 6,2      | 5,01-15,00 mts |
| Palma areca       | 4 8418- 75 6567                      | Panorama Country 1      | Palma     | 5,8      | 5,01-15,00 mts |
| Palma areca       | 4 8418- 75 6571                      | Panorama Country 1      | Palma     | 2,6      | 0,00-5,00 mts  |
| Palma areca       | 4 8355- 75 6610                      | Panorama Country 1      | Palma     | 2,3      | 0,00-5,00 mts  |
| Palma areca       | 4 8367- 75 6607                      | Panorama Country 1      | Palma     | 6,2      | 5,01-15,00 mts |
| Aguaate           | 4 8376N - 75 6608W                   | Panorama country2       | Arbol     | 4,6      | 0,00-5,00 mts  |
| Palma areca       | 4 8375N - 75 6608W                   | Panorama country2       | Palma     | 4,3      | 0,00-5,00 mts  |
| Dracena           | 4 8375N - 75 6608W                   | Panorama country2       | Arbol     | 5,2      | 5,01-15,00 mts |

| NOM_COM           | COORDENADA                              | BARRIO                          | HAB_CRECH | H_mts_1  | Rango_altu      |
|-------------------|---|---------------------------------|-----------|----------|-----------------|
| Aguaate           | 4 8377N - 75 6609W                      | Panorama country2               | árbol     | 8,1      | 5,01-15,00 mts  |
| Pino cocarpa      | 4 8384N - 75 6614W                      | Panorama country2               | árbol     | 2,8      | 0,00-5,00 mts   |
| Benjamín          | 4 8383N - 75 6613W                      | Panorama country2               | árbol     | 3,6      | 0,00-5,00 mts   |
| Palma lucubenda   | 4 8384N - 75 6614W                      | Panorama country2               | Palma     | 8,3      | 5,01-15,00 mts  |
| Palma lucubenda   | 4 8384N - 75 6614W                      | Panorama country2               | Palma     | 8,1      | 5,01-15,00 mts  |
| Palma lucubenda   | 4 8384N - 75 6614W                      | Panorama country2               | Palma     | 8,4      | 5,01-15,00 mts  |
| Palma areca       | 4 8383N - 75 6615W                      | Panorama country2               | Palma     | 4,2      | 0,00-5,00 mts   |
| Saman             | 4 8388N - 75 6618W                      | Panorama country2               | árbol     | 3        | 0,00-5,00 mts   |
| Tulipan africano  | 4 8385N - 75 6621W                      | Panorama country2               | árbol     | 4,2      | 0,00-5,00 mts   |
| Saman             | 4 8383N - 75 6621W                      | Panorama country2               | árbol     | 5,3      | 5,01-15,00 mts  |
| Palma quency      | 4 8383N - 75 6619W                      | Panorama country2               | Palma     | 4,1      | 0,00-5,00 mts   |
| Tulipan africano  | 4 8380N - 75 6619W                      | Panorama country2               | árbol     | 5        | 0,00-5,00 mts   |
| Guayacan amarillo | 4 8380N - 75 6619W                      | Panorama country2               | árbol     | 3,2      | 0,00-5,00 mts   |
| Saman             | 4 8380N - 75 6619W                      | Panorama country2               | árbol     | 4,5      | 0,00-5,00 mts   |
| Saman             | 4 8380N - 75 6618W                      | Panorama country2               | árbol     | 5,8      | 5,01-15,00 mts  |
| Tulipan africano  | 4 8379N - 75 6618W                      | Panorama country2               | árbol     | 5,4      | 5,01-15,00 mts  |
| Tulipan africano  | 4 8378N - 75 6618W                      | Panorama country2               | árbol     | 3,1      | 0,00-5,00 mts   |
| Saman             | 4 8378N - 75 6618W                      | Panorama country2               | árbol     | 4,7      | 0,00-5,00 mts   |
| Palma areca       | 4 8379N - 75 6614W                      | Panorama country2               | Palma     | 3,2      | 0,00-5,00 mts   |
| Limon tahiti      | 4 8378N - 75 6613W                      | Panorama country2               | árbol     | 3,7      | 0,00-5,00 mts   |
| Guamo santafereño | 4 82270887846202, -75 71402169764042    | Pedregales                      | árbol     | 10,8     | 10,01-15,00 mts |
| Palma areca       | 4 821347709383664, -75 71441866457462   | Pedregales                      | Palma     | 4,8      | 2,01-5,00 mts   |
| Mango             | 4 821368846040097, -75 71433786302805   | Pedregales                      | árbol     | 5,6      | 5,01-10,00 mts  |
| Pino azul         | 4 820089654034314, -75 71343697507517   | Pedregales                      | árbol     | 5,1      | 5,01-10,00 mts  |
| Casco de vaca     | 4 8206475482828075, -75 7131603732705   | Pedregales                      | árbol     | 3,6      | 2,01-5,00 mts   |
| Aguaate           | 4 820794579556116, -75 71232031556368   | Pedregales                      | árbol     | 0,72-7,2 | 0,00-2,00 mts   |
| Aguaate           | 4 820819936531103, -75 71289248764514   | Pedregales                      | árbol     | 7,8      | 5,01-10,00 mts  |
| Dracena           | 4 8210-75 7134                          | Pedregales                      | árbol     | 6,3      | 5,01-15,00 mts  |
| mango             | 4 8213-75 7130                          | Pedregales                      | árbol     | 7,2      | 5,01-15,00 mts  |
| guayabo           | 4 8213-75 7140                          | Pedregales                      | árbol     | 2,1      | 0,00-5,00 mts   |
| Guamo             | 4 8214-75 7141                          | Pedregales                      | árbol     | 2,5      | 0,00-5,00 mts   |
| guayabo           | 4 8214-75 7141                          | Pedregales                      | árbol     | 2,3      | 0,00-5,00 mts   |
| guayabo           | 4 8214-75 7141                          | Pedregales                      | árbol     | 2,4      | 0,00-5,00 mts   |
| Mango             | 4 8213-75 7140                          | Pedregales                      | árbol     | 2,1      | 0,00-5,00 mts   |
| Palma manila      | 4 850563655042632, -75 65334644169615   | Piamonte                        | Palma     | 2,1      | 2,01-5,00 mts   |
| Palma manila      | 4 85056799802252, -75 65331526100636    | Piamonte                        | Palma     | 2,2      | 2,01-5,00 mts   |
| Palma manila      | 4 85056982439606, -75 65331190824509    | Piamonte                        | Palma     | 1,9      | 0,00-2,00 mts   |
| Palma manila      | 4 850517218663557, -75 6532673165202    | Piamonte                        | Palma     | 2        | 0,00-2,00 mts   |
| Palma manila      | 4 850489445779624, -75 6532659754157    | Piamonte                        | Palma     | 2        | 0,00-2,00 mts   |
| Palma manila      | 4 850423343989525, -75 65325357019901   | Piamonte                        | Palma     | 2,7      | 2,01-5,00 mts   |
| Palma manila      | 4 8502997354428605, -75 65315332263708  | Piamonte                        | Palma     | 2,2      | 2,01-5,00 mts   |
| Aguaate           | 4 850046506160298, -75 65312683582306   | Piamonte                        | árbol     | 7,8      | 5,01-10,00 mts  |
| Cedro japonés     | 4 850066216622387, -75 6531499987581    | Piamonte                        | árbol     | 2        | 0,00-2,00 mts   |
| Acacia amarilla   | 4 849857085049652, -75 65317645668983   | Piamonte                        | árbol     | 10       | 5,01-10,00 mts  |
| Urapan            | 4 849732140916193, -75 65316941589118   | Piamonte                        | árbol     | 14       | 10,01-15,00 mts |
| Palma manila      | 4 850858643536483, -75 65257430076599   | Piamonte                        | Palma     | 2,6      | 2,01-5,00 mts   |
| Palma manila      | 4 85086260262815, -75 6526443734765     | Piamonte                        | Palma     | 1,7      | 0,00-2,00 mts   |
| Liberálito        | 4 850887596996269, -75 65276473760605   | Piamonte                        | Palma     | 3,5      | 2,01-5,00 mts   |
| Palma manila      | 4 850753743909625, -75 65282374620438   | Piamonte                        | Palma     | 2,3      | 2,01-5,00 mts   |
| Palma manila      | 4 85089485742205, -75 65285325050354    | Piamonte                        | Palma     | 2,3      | 2,01-5,00 mts   |
| Palma areca       | 4 850351183069145, -75 65293472260237   | Piamonte                        | Palma     | 3,4      | 2,01-5,00 mts   |
| Palma areca       | 4 850499512667116, -75 65300110727549   | Piamonte                        | Palma     | 5        | 2,01-5,00 mts   |
| Pino libro        | 4 850539935690407, -75 65301652997732   | Piamonte                        | árbol     | 2        | 0,00-2,00 mts   |
| Palma manila      | 4 850545949047387, -75 65302558243275   | Piamonte                        | Palma     | 2,8      | 2,01-5,00 mts   |
| Palma manila      | 4 850556305384278, -75 65301485359669   | Piamonte                        | Palma     | 2,3      | 2,01-5,00 mts   |
| Palma manila      | 4 850590715147653, -75 65303948388816   | Piamonte                        | Palma     | 2,8      | 2,01-5,00 mts   |
| Palma Alejandra   | 4 85064116025743, -75 65307151526213    | Piamonte                        | Palma     | 2,5      | 2,01-5,00 mts   |
| Palma manila      | 4 850714991171639, -75 65309934318086   | Piamonte                        | Palma     | 2,3      | 2,01-5,00 mts   |
| Araucaria         | 4 851148620775091, -75 65455310048673   | Piamonte                        | árbol     | 10       | 5,01-10,00 mts  |
| Ciprés            | 4 851190046084738, -75 65450314432383   | Piamonte                        | árbol     | 0,31-3,1 | 0,00-2,00 mts   |
| Palma areca       | 4 851191382385005, -75 654466596226     | Piamonte                        | Palma     | 5,6      | 5,01-10,00 mts  |
| Palma areca       | 4 8501-75 6533                          | Piamonte                        | Palma     | 2,4      | 0,00-5,00 mts   |
| Palma areca       | 4 8502-75 6533                          | Piamonte                        | Palma     | 1,5      | 0,00-5,00 mts   |
| Guayabo dulce     | 4 8502-75 6529                          | Piamonte                        | árbol     | 4,1      | 0,00-5,00 mts   |
| Palma manila      | 4 8503-75 6528                          | Piamonte                        | Palma     | 3,2      | 0,00-5,00 mts   |
| Limon mandarina   | 4 8507-75 6531                          | Piamonte                        | árbol     | 1,7      | 0,00-5,00 mts   |
| Palma areca       | 4 8507-75 6525                          | Piamonte                        | Palma     | 2,2      | 0,00-5,00 mts   |
| Palma manila      | 4 8507-75 6525                          | Piamonte                        | Palma     | 2,1      | 0,00-5,00 mts   |
| Saman             | 4 8508-75 6536                          | Piamonte                        | árbol     | 2,4      | 0,00-5,00 mts   |
| Tulipan africano  | 4 8510-75 6536                          | Piamonte                        | árbol     | 3,5      | 0,00-5,00 mts   |
| Saman             | 4 8510-75 6536                          | Piamonte                        | árbol     | 2,7      | 0,00-5,00 mts   |
| Tulipan africano  | 4 8511-75 6537                          | Piamonte                        | árbol     | 4,2      | 0,00-5,00 mts   |
| Tulipan africano  | 4 8513-75 6537                          | Piamonte                        | árbol     | 2,3      | 0,00-5,00 mts   |
| Saman             | 4 8513-75 6538                          | Piamonte                        | árbol     | 2,6      | 0,00-5,00 mts   |
| Tulipan africano  | 4 8514-75 6538                          | Piamonte                        | árbol     | 5,2      | 0,00-5,00 mts   |
| Acacia amarilla   | 4 8521N - 75 6541W                      | Piamonte 2                      | árbol     | 3,3      | 0,00-5,00 mts   |
| Acacia amarilla   | 4 8522N - 75 6542W                      | Piamonte 2                      | árbol     | 2,2      | 0,00-5,00 mts   |
| Almendro          | 4 842512724547914, -75 6755982619524    | Playa Rica                      | árbol     | 4,8      | 2,01-5,00 mts   |
| Leucaena          | 4 839917257038111, -75 6730978939567    | Playa Rica                      | árbol     | 7,3      | 5,01-10,00 mts  |
| Abotijava         | 4 841788061249555, -75 67260939627886   | Playa Rica                      | árbol     | 4,5      | 2,01-5,00 mts   |
| Limon mandarina   | 4 842060048669677, -75 67228753119707   | Playa Rica                      | árbol     | 3,8      | 2,01-5,00 mts   |
| Palma areca       | 4 842110826961126, -75 67219097167253   | Playa Rica                      | Palma     | 10,4     | 10,01-15,00 mts |
| Palma areca       | 4 842101472733493, -75 67223522812128   | Playa Rica                      | Palma     | 9,5      | 5,01-10,00 mts  |
| Duranta           | 4 842145237154561, -75 67212659869618   | Playa Rica                      | Arbusto   | 4,2      | 2,01-5,00 mts   |
| Palma areca       | 4 842430227085222, -75 67184004339069   | Playa Rica                      | Palma     | 9,3      | 5,01-10,00 mts  |
| Aguaate           | 4 8477975052521485, -75 6575021892786   | Portal de los Alpes             | árbol     | 4,3      | 5,01-10,00 mts  |
| Palma areca       | 4 84774104627977, -75 657550804317      | Portal de los Alpes             | Palma     | 3,6      | 2,01-5,00 mts   |
| Acacia amarilla   | 4 827306263645173, -75 68515308201313   | Portal del Sol                  | árbol     | 5,1      | 5,01-10,00 mts  |
| Acacia amarilla   | 4 827241450791693, -75 68510230931996   | Portal del Sol                  | árbol     | 2,8      | 2,01-5,00 mts   |
| Acacia amarilla   | 4 827158931324934, -75 6852613762021    | Portal del Sol                  | árbol     | 5,5      | 5,01-10,00 mts  |
| Acacia amarilla   | 4 827125896718037, -75 68530060350895   | Portal del Sol                  | árbol     | 4,9      | 2,01-5,00 mts   |
| Acacia amarilla   | 4 827073739152367, -75 68532273173332   | Portal del Sol                  | árbol     | 6,4      | 5,01-10,00 mts  |
| Acacia amarilla   | 4 827065386978027, -75 68533714960678   | Portal del Sol                  | árbol     | 6,4      | 5,01-10,00 mts  |
| Acacia amarilla   | 4 82701894886717, -75 68536665290594    | Portal del Sol                  | árbol     | 3,4      | 2,01-5,00 mts   |
| Acacia amarilla   | 4 826922731824141, -75 68530328571796   | Portal del Sol                  | árbol     | 5,6      | 5,01-10,00 mts  |
| Acacia amarilla   | 4 8269664972258255, -75 68528218332197  | Portal del Sol                  | árbol     | 4,9      | 2,01-5,00 mts   |
| Acacia amarilla   | 4 8270062535806355, -75 68527579307556  | Portal del Sol                  | árbol     | 5,2      | 5,01-10,00 mts  |
| Acacia amarilla   | 4 82703598732347, -75 68523488938808    | Portal del Sol                  | árbol     | 4,7      | 2,01-5,00 mts   |
| Acacia amarilla   | 4 827115169395666, -75 68515911698341   | Portal del Sol                  | árbol     | 0,43-4,3 | 0,00-2,00 mts   |
| Palma Quency      | 48273-75 6858                           | Portal del sol                  | Palma     | 4,4      | 0,00-5,00 mts   |
| Acacia Amarilla   | 48271-75 6852                           | Portal del sol                  | árbol     | 1,5      | 0,00-5,00 mts   |
| Acacia Amarilla   | 48273-75 6851                           | Portal del sol                  | árbol     | 1,6      | 0,00-5,00 mts   |
| Palma manila      | 4 826831526054298, -75 6852131685734    | Portal del Sol - Av ferrocarril | Palma     | 4,1      | 2,01-5,00 mts   |
| Palma areca       | 4 82689800382245, -75 68531937897205    | Portal del Sol - Av ferrocarril | Palma     | 5        | 2,01-5,00 mts   |
| Palma areca       | 4 831031321879357, -75 67973937830271   | Postobon                        | Palma     | 5,4      | 5,01-10,00 mts  |
| Palma areca       | 4 83093978259769835, -75 67970484495163 | Postobon                        | Palma     | 4,6      | 2,01-5,00 mts   |
| Benjamín          | 4 831060053190602, -75 67981917411089   | Postobon                        | árbol     | 10       | 5,01-10,00 mts  |
| Palma areca       | 4 83105800285669, -75 67988019436598    | Postobon                        | Palma     | 7,2      | 5,01-10,00 mts  |
| Palma areca       | 4 831123863424307, -75 67985538393259   | Postobon                        | Palma     | 4,8      | 2,01-5,00 mts   |
| Palma areca       | 4 831152028818702, -75 67986930510521   | Postobon                        | Palma     | 5,9      | 5,01-10,00 mts  |
| Palma areca       | 4 831196609345393, -75 67995060235263   | Postobon                        | Palma     | 5,6      | 5,01-10,00 mts  |
| Palma areca       | 4 831353713840556, -75 68010784885613   | Postobon                        | Palma     | 6,9      | 5,01-10,00 mts  |

| NOM_COM         | COORDENADA                            | BARRIO                       | HAB_CRECH     | H. mts_1    | Rango_alto      |
|-----------------|---------------------------------------|------------------------------|---------------|-------------|-----------------|
| Palma arca      | 4 831383781489613,-75.68013098090887  | Postobon                     | Palma         | 7,3         | 5.01-10.00 mts  |
| Palma arca      | 4 831386120080559,-75.68013232201338  | Postobon                     | Palma         | 7,4         | 5.01-10.00 mts  |
| Palma arca      | 4 831380795013878,-75.68020273000002  | Postobon                     | Palma         | 8,6         | 5.01-10.00 mts  |
| Palma arca      | 4 831391131953266,-75.6802050769329   | Postobon                     | Palma         | 8           | 5.01-10.00 mts  |
| Palma arca      | 4 831446923520129,-75.68024195730686  | Postobon                     | Palma         | 8,2         | 5.01-10.00 mts  |
| Palma arca      | 4 831417520405527,-75.68024195730686  | Postobon                     | Palma         | 8,6         | 5.01-10.00 mts  |
| Palma arca      | 4 8298,-75.6819                       | Postobon                     | Palma         | 2,1         | 0.00-5.00 mts   |
| Palma arca      | 4 8299,-75.6820                       | Postobon                     | Palma         | 2,4         | 0.00-5.00 mts   |
| Palma miraguama | 4 8300,-75.6787                       | Postobon                     | Palma         | 4,3         | 0.00-5.00 mts   |
| Palma miraguama | 4 8300,-75.6787                       | Postobon                     | Palma         | 4,7         | 0.00-5.00 mts   |
| Palma miraguama | 4 8300,-75.6787                       | Postobon                     | Palma         | 4,5         | 0.00-5.00 mts   |
| Palma miraguama | 4 8303,-75.6788                       | Postobon                     | Palma         | 4,7         | 0.00-5.00 mts   |
| Palma miraguama | 4 8303,-75.6788                       | Postobon                     | Palma         | 4,3         | 0.00-5.00 mts   |
| Palma miraguama | 4 8307,-75.6793                       | Postobon                     | Palma         | 4,5         | 0.00-5.00 mts   |
| Palma miraguama | 4 8306,-75.6793                       | Postobon                     | Palma         | 4,6         | 0.00-5.00 mts   |
| Palma miraguama | 4 8306,-75.6794                       | Postobon                     | Palma         | 4,7         | 0.00-5.00 mts   |
| Palma arca      | 4 8306,-75.6793                       | Postobon                     | Palma         | 4,9         | 0.00-5.00 mts   |
| Palma arca      | 4 8306,-75.6794                       | Postobon                     | Palma         | 5,2         | 0.00-5.00 mts   |
| Palma miraguama | 4 8311,-75.6798                       | Postobon                     | Palma         | 2,4         | 0.00-5.00 mts   |
| Palma quency    | 4 8311,-75.6799                       | Postobon                     | Palma         | 4           | 0.00-5.00 mts   |
| Palma quency    | 4 8312,-75.6799                       | Postobon                     | Palma         | 4           | 0.00-5.00 mts   |
| Palma quency    | 4 8311,-75.6799                       | Postobon                     | Palma         | 4           | 0.00-5.00 mts   |
| Palma quency    | 4 8311,-75.6798                       | Postobon                     | Palma         | 4           | 0.00-5.00 mts   |
| Palma quency    | 4 8310,-75.6798                       | Postobon                     | Palma         | 4           | 0.00-5.00 mts   |
| Crdo            | 4 8310,-75.6798                       | Postobon                     | arbol         | 3           | 0.00-5.00 mts   |
| Palma quency    | 4 8310,-75.6798                       | Postobon                     | Palma         | 4           | 0.00-5.00 mts   |
| Palma Arca      | 4 8307,-75.6795                       | Postobon                     | Palma         | 10          | 5.01-15.00 mts  |
| Palma Arca      | 4 8307,-75.6795                       | Postobon                     | Palma         | 7           | 5.01-15.00 mts  |
| Palma quency    | 4 8307,-75.6794                       | Postobon                     | Palma         | 4           | 0.00-5.00 mts   |
| Palma quency    | 4 8306,-75.6794                       | Postobon                     | Palma         | 4           | 0.00-5.00 mts   |
| Palma quency    | 4 8306,-75.6793                       | Postobon                     | Palma         | 4           | 0.00-5.00 mts   |
| Palma quency    | 4 8306,-75.6793                       | Postobon                     | Palma         | 4           | 0.00-5.00 mts   |
| Palma quency    | 4 8301,-75.6788                       | Postobon                     | Palma         | 6           | 5.01-15.00 mts  |
| Palma quency    | 4 8302,-75.6788                       | Postobon                     | Palma         | 6           | 5.01-15.00 mts  |
| Palma quency    | 4 8302,-75.6788                       | Postobon                     | Palma         | 6           | 5.01-15.00 mts  |
| Palma quency    | 4 8301,-75.6788                       | Postobon                     | Palma         | 6           | 5.01-15.00 mts  |
| Palma miraguama | 4 8311,-75.6798                       | Postobon                     | Palma         | 2           | 0.00-5.00 mts   |
| Palma miraguama | 4 8311,-75.6798                       | Postobon                     | Palma         | 2,5         | 0.00-5.00 mts   |
| Palma miraguama | 4 8312,-75.6799                       | Postobon                     | Palma         | 2,4         | 0.00-5.00 mts   |
| Palma miraguama | 4 8312,-75.6799                       | Postobon                     | Palma         | 2,5         | 0.00-5.00 mts   |
| Palma miraguama | 4 8313,-75.6799                       | Postobon                     | Palma         | 2,7         | 0.00-5.00 mts   |
| Berjamin        | 4 8307N - 75.6730W                    | Postobon                     | arbol         | 16          | 15.01-25.00mts  |
| Palma quency    | 4 82963251220652,-75.6786889528724    | Postobon - AV. SIMON BOLIVAR | Palma         | 5,4         | 5.01-10.00 mts  |
| Palma quency    | 4 829910739757438,-75.67855688406487  | Postobon - AV. SIMON BOLIVAR | Palma         | 4,6         | 2.01-5.00 mts   |
| Palma quency    | 4 82987725314721,-75.67880798131227   | Postobon - AV. SIMON BOLIVAR | Palma         | 4,5         | 2.01-5.00 mts   |
| Palma quency    | 4 829840841813084,-75.67885491997004  | Postobon - AV. SIMON BOLIVAR | Palma         | 4,2         | 2.01-5.00 mts   |
| Palma quency    | 4 82980323765101,-75.67890454083681   | Postobon - AV. SIMON BOLIVAR | Palma         | 3,6         | 2.01-5.00 mts   |
| Palma quency    | 4 829740770521271,-75.67892868071795  | Postobon - AV. SIMON BOLIVAR | Palma         | 3,9         | 2.01-5.00 mts   |
| Palma quency    | 4 829734736666682,-75.67892868071795  | Postobon - AV. SIMON BOLIVAR | Palma         | 4           | 2.01-5.00 mts   |
| Palma quency    | 4 829697987242891,-75.67902490406634  | Postobon - AV. SIMON BOLIVAR | Palma         | 4,2         | 2.01-5.00 mts   |
| Palma quency    | 4 829657896960169,-75.67906010805967  | Postobon - AV. SIMON BOLIVAR | Palma         | 3           | 2.01-5.00 mts   |
| Palma quency    | 4 829599097874519,-75.67914761802879  | Postobon - AV. SIMON BOLIVAR | Palma         | 4,1         | 2.01-5.00 mts   |
| Palma quency    | 4 829555966728445,-75.6791052252388   | Postobon - AV. SIMON BOLIVAR | Palma         | 3,8         | 2.01-5.00 mts   |
| Palma quency    | 4 8295309443825,-75.67923981696386    | Postobon - AV. SIMON BOLIVAR | Palma         | 0,31 - 3,10 | 0.00-2.00 mts   |
| Palma quency    | 4 829493102690386,-75.67928642034529  | Postobon - AV. SIMON BOLIVAR | Palma         | 4,5         | 2.01-5.00 mts   |
| Limon mandarino | 4 83337258674456,-75.6572537496686    | Primavera Azul               | arbol         | 5,5         | 5.01-10.00 mts  |
| Mango           | 4 83337840951233,-75.65725036690733   | Primavera Azul               | arbol         | 5           | 2.01-5.00 mts   |
| Aguacate        | 4 833409334898997,-75.65713137388231  | Primavera Azul               | arbol         | 5,2         | 5.01-10.00 mts  |
| Aguacate        | 4 833333163778815,-75.65717482450296  | Primavera Azul               | arbol         | 4,1         | 2.01-5.00 mts   |
| Araucaria       | 4 83330175989061,-75.6573087349534    | Primavera Azul               | arbol         | 4,8         | 2.01-5.00 mts   |
| Pino azul       | 4 833570363295779,-75.6576108187437   | Primavera Azul               | arbol         | 2,5         | 2.01-5.00 mts   |
| Pino libro      | 4 833206545971431,-75.658746398989339 | Primavera Azul               | arbol         | 5,4         | 5.01-10.00 mts  |
| Guadua          | 4 833386283112524,-75.65906960517168  | Primavera Azul               | Herbacea rizo | 0           | 0.00-2.00 mts   |
| Guadua          | 4 833099973182872,-75.65920405089855  | Primavera Azul               | Herbacea rizo | 0           | 0.00-2.00 mts   |
| Palma arca      | 4 833363231326075,-75.65931972116232  | Primavera Azul               | Palma         | 2,6         | 2.01-5.00 mts   |
| Palma arca      | 4 832794620335356,-75.65953406843576  | Primavera Azul               | Palma         | 2,5         | 2.01-5.00 mts   |
| Palma arca      | 4 83276188087526,-75.65957352519035   | Primavera Azul               | Palma         | 3,1         | 2.01-5.00 mts   |
| Palma arca      | 4 832741500952874,-75.65958492457867  | Primavera Azul               | Palma         | 4,2         | 2.01-5.00 mts   |
| Palma arca      | 4 832681365797853,-75.65958961844444  | Primavera Azul               | Palma         | 0,21-2,1    | 0.00-2.00 mts   |
| Guadua          | 4 83265239648373,-75.65973579883575   | Primavera Azul               | Herbacea rizo | 0           | 0.00-2.00 mts   |
| Aguacate        | 4 832700762955049,-75.6599423280299   | Primavera Azul               | arbol         | 7,9         | 5.01-10.00 mts  |
| Balso blanco    | 4 83283378600857,-75.66013980858882   | Primavera Azul               | arbol         | 11,8        | 10.01-15.00 mts |
| Balso blanco    | 4 83283003526327,-75.66012673079967   | Primavera Azul               | arbol         | 11,9        | 10.01-15.00 mts |
| Pino azul       | 4 83254988142511,-75.6601495295763    | Primavera Azul               | arbol         | 2,4         | 2.01-5.00 mts   |
| Palma arca      | 4 833604105755803,-75.65988197922707  | Primavera Azul               | Palma         | 2,9         | 2.01-5.00 mts   |
| Palma arca      | 4 833576710887391,-75.65990678966045  | Primavera Azul               | Palma         | 3,9         | 2.01-5.00 mts   |
| Carbonero rojo  | 4 83356688374278,-75.6598896057798    | Primavera Azul               | arbol         | 4,2         | 2.01-5.00 mts   |
| Aguacate        | 4 834984538422634,-75.66175550222307  | Primavera Azul               | arbol         | 7,9         | 5.01-10.00 mts  |
| Aguacate        | 4 834995807247042,-75.66175248473883  | Primavera Azul               | arbol         | 7,3         | 5.01-10.00 mts  |
| Limon mandarino | 4 834998235828508,-75.66173538569536  | Primavera Azul               | arbol         | 3,5         | 2.01-5.00 mts   |
| Aguacate        | 4 835008026486569,-75.66174644768854  | Primavera Azul               | arbol         | 5,6         | 5.01-10.00 mts  |
| Aguacate        | 4 834025739799119,-75.66101051987008  | Primavera Azul               | arbol         | 6,1         | 5.01-10.00 mts  |
| Palma arca      | 4 83487629549812,-75.66004782203436   | Primavera Azul               | Palma         | 3,9         | 2.01-5.00 mts   |
| Mango           | 4 834335080618116,-75.66113088279963  | Primavera Azul               | arbol         | 3,9         | 2.01-5.00 mts   |
| Aguacate        | 4 834321383196833,-75.66104538738728  | Primavera Azul               | arbol         | 6,4         | 5.01-10.00 mts  |
| Pino libro      | 4 834357484203145,-75.6610986929145   | Primavera Azul               | arbol         | 2,7         | 2.01-5.00 mts   |
| Palma arca      | 4 834347441701585,-75.66104974597692  | Primavera Azul               | Palma         | 3,8         | 2.01-5.00 mts   |
| Palma yuca      | 4 834330737531983,-75.66101487725973  | Primavera Azul               | Arbusto       | 4,6         | 2.01-5.00 mts   |
| Palma yuca      | 4 834341428200577,-75.66100247204304  | Primavera Azul               | Arbusto       | 3,6         | 2.01-5.00 mts   |
| Limon tahiti    | 4 834322719530431,-75.66101856520713  | Primavera Azul               | arbol         | 2,5         | 2.01-5.00 mts   |
| Aguacate        | 4 834300670025672,-75.66101152449846  | Primavera Azul               | arbol         | 3,8         | 2.01-5.00 mts   |
| Naranja         | 4 834274611519112,-75.66101152449846  | Primavera Azul               | arbol         | 3           | 2.01-5.00 mts   |
| Mango           | 4 834265925350031,-75.66098537296058  | Primavera Azul               | arbol         | 3           | 2.01-5.00 mts   |
| Mango           | 4 834251597620479,-75.66097368209613  | Primavera Azul               | arbol         | 3,7         | 2.01-5.00 mts   |
| Guadua          | 4 83414208637364,-75.66076911985874   | Primavera Azul               | Herbacea rizo | 0           | 0.00-2.00 mts   |
| Aguacate        | 4 834185411239093,-75.66087439656296  | Primavera Azul               | arbol         | 4,7         | 2.01-5.00 mts   |
| Cedro japonés   | 4 834800478860414,-75.66064171403053  | Primavera Azul               | arbol         | 3,2         | 2.01-5.00 mts   |
| Pino libro      | 4 834745000816476,-75.660702399090951 | Primavera Azul               | arbol         | 3,1         | 2.01-5.00 mts   |
| Palma arca      | 4 834561923202635,-75.66086702048777  | Primavera Azul               | Palma         | 4,8         | 2.01-5.00 mts   |
| Palma arca      | 4 834526176290501,-75.65942231565715  | Primavera Azul               | Palma         | 4,5         | 2.01-5.00 mts   |
| Pino libro      | 4 834263252682618,-75.65966136753559  | Primavera Azul               | arbol         | 2,9         | 2.01-5.00 mts   |
| Eucalipto       | 4 834137637301522,-75.65768491476774  | Primavera Azul               | arbol         | 7,8         | 5.01-10.00 mts  |
| Aguacate        | 4 83372470980411,-75.65801540702883   | Primavera Azul               | arbol         | 5           | 2.01-5.00 mts   |
| Aguacate        | 4 833707003544353,-75.65806780010462  | Primavera Azul               | arbol         | 4,7         | 2.01-5.00 mts   |
| Palma arca      | 4 833830280419796,-75.65813696698675  | Primavera Azul               | Palma         | 4,9         | 2.01-5.00 mts   |
| Aguacate        | 4 833703969791005,-75.6582140863243   | Primavera Azul               | arbol         | 5,4         | 5.01-10.00 mts  |
| Aguacate        | 4 833700321870255,-75.65823577344418  | Primavera Azul               | arbol         | 6           | 5.01-10.00 mts  |
| Aguacate        | 4 833706335376936,-75.65826527774333  | Primavera Azul               | arbol         | 5,6         | 5.01-10.00 mts  |
| Aguacate        | 4 833779165620501,-75.65827365964651  | Primavera Azul               | arbol         | 5           | 2.01-5.00 mts   |
| Aguacate        | 4 833699653702839,-75.65833196241646  | Primavera Azul               | arbol         | 6,4         | 5.01-10.00 mts  |
| Aguacate        | 4 833695644698329,-75.65834607028993  | Primavera Azul               | arbol         | 6           | 5.01-10.00 mts  |
| Aguacate        | 4 833688294859688,-75.6583732366619   | Primavera Azul               | arbol         | 5,9         | 5.01-10.00 mts  |
| Acacia amarilla | 4 834320907114994,-75.66006654152155  | Primavera Azul               | arbol         | 6           | 5.01-10.00 mts  |

| NOM_COM           | COORDENADA                            | BARRIO         | HAB_CRECH | H_mts_1  | Rango_altura   |
|-------------------|---------------------------------------|----------------|-----------|----------|----------------|
| Acacia amarilla   | 4.834361473203724,-75.66011063754559  | Primavera Azul | arbol     | 7        | 5,01-10,00 mts |
| Palma quency      | 4.834463368627247,-75.66010493785143  | Primavera Azul | Palma     | 4,5      | 2,01-5,00 mts  |
| Palma quency      | 4.834451675710569,-75.66012170165777  | Primavera Azul | Palma     | 4,7      | 2,01-5,00 mts  |
| Palma quency      | 4.83440624037520,-75.66016059368849   | Primavera Azul | Palma     | 3,8      | 2,01-5,00 mts  |
| Palma quency      | 4.834404904041844,-75.66016059368849  | Primavera Azul | Palma     | 0,41-4,1 | 0,00-2,00 mts  |
| Acacia amarilla   | 4.834236860091188,-75.66019613295794  | Primavera Azul | arbol     | 6,2      | 5,01-10,00 mts |
| Guayabo dulce     | 4.8342368600936,-75.66019613295794    | Primavera Azul | arbol     | 7,2      | 5,01-10,00 mts |
| Limon tahiti      | 4.834205496246858,-75.66037885844707  | Primavera Azul | arbol     | 4,2      | 2,01-5,00 mts  |
| Carbonero rojo    | 4.833795898903704,-75.66014181822538  | Primavera Azul | arbol     | 2,8      | 2,01-5,00 mts  |
| Palma areca       | 4.834840432769366,-75.6604814525419   | Primavera Azul | Palma     | 3,7      | 2,01-5,00 mts  |
| Cedro japonés     | 4.834827185279668,-75.66054951399565  | Primavera Azul | arbol     | 2,3      | 2,01-5,00 mts  |
| Cedro japonés     | 4.834851573346265,-75.66057097166777  | Primavera Azul | arbol     | 2,7      | 2,01-5,00 mts  |
| Limon mandarina   | 4.834750680230709,-75.66051833331585  | Primavera Azul | arbol     | 3,8      | 2,01-5,00 mts  |
| Aguacate          | 4.835013603640411,-75.66060818731785  | Primavera Azul | arbol     | 6,8      | 5,01-10,00 mts |
| Aguacate          | 4.835017948729189,-75.66063333302736  | Primavera Azul | arbol     | 4,4      | 2,01-5,00 mts  |
| Guanabano         | 4.835060709359149,-75.660658814013    | Primavera Azul | arbol     | 4,5      | 2,01-5,00 mts  |
| Guayabo dulce     | 4.835088104167552,-75.66067826002835  | Primavera Azul | arbol     | 5,8      | 5,01-10,00 mts |
| Aguacate          | 4.835110153646675,-75.66072653979063  | Primavera Azul | arbol     | 4,8      | 2,01-5,00 mts  |
| Palma quency      | 4.835293595195272,-75.66141452640295  | Primavera Azul | Palma     | 0,51-5,1 | 0,00-2,00 mts  |
| Eucalipto         | 4.835282374541688,-75.66079828888178  | Primavera Azul | arbol     | 8        | 5,01-10,00 mts |
| Palma areca       | 4.834027095956889,-75.65791592001915  | Primavera Azul | Palma     | 0,51-5,1 | 0,00-2,00 mts  |
| Ciotes            | 4.835518737046747,-75.66131226719426  | Primavera Azul | arbol     | 9        | 5,01-10,00 mts |
| Sulingia          | 4.8354930129698745,-75.66133070737123 | Primavera Azul | arbol     | 8,9      | 5,01-10,00 mts |
| Palma Manila      | 4.82936083,-75.66093512               | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82937133,-75.66091437               | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82932830,-75.66031198               | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82926568,-75.6607951                | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82924783,-75.6611894                | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82924645,-75.6627848                | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82925035,-75.6636112                | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82925268,-75.6645416                | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82924681,-75.6652528                | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82924730,-75.66664377               | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82924240,-75.66675135               | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82925177,-75.6668292                | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82924277,-75.66691471               | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82921968,-75.66710176               | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82924756,-75.66720363               | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82923858,-75.66728552               | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82924275,-75.66738022               | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82923974,-75.66746825               | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82924808,-75.66752007               | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma Manila      | 4.82925186,-75.66764882               | Primavera Azul | Palma     | 3        | 0,00-5,00 mts  |
| Palma areca       | 4.8350,-75.6609                       | Primavera Azul | Palma     | 2,8      | 0,00-5,00 mts  |
| Palma areca       | 4.8350,-75.6608                       | Primavera Azul | Palma     | 4,2      | 0,00-5,00 mts  |
| Dracena           | 4.8344,-75.6609                       | Primavera Azul | arbol     | 1,7      | 0,00-5,00 mts  |
| Dracena           | 4.8344,-75.6609                       | Primavera Azul | arbol     | 2,3      | 0,00-5,00 mts  |
| Dracena           | 4.8344,-75.6609                       | Primavera Azul | arbol     | 4,5      | 0,00-5,00 mts  |
| Dracena           | 4.8344,-75.6609                       | Primavera Azul | arbol     | 3,2      | 0,00-5,00 mts  |
| Mango             | 4.8343,-75.6609                       | Primavera Azul | arbol     | 2,6      | 0,00-5,00 mts  |
| Mango             | 4.8343,-75.6609                       | Primavera Azul | arbol     | 4,2      | 0,00-5,00 mts  |
| Carbonero rojo    | 4.8343,-75.6606                       | Primavera Azul | arbol     | 2,4      | 0,00-5,00 mts  |
| Dracena           | 4.8327,-75.6600                       | Primavera Azul | arbol     | 2,4      | 0,00-5,00 mts  |
| Guanabano         | 4.8327,-75.6599                       | Primavera Azul | arbol     | 2,6      | 0,00-5,00 mts  |
| Limon mandarina   | 4.8348,-75.6607                       | Primavera Azul | arbol     | 2,6      | 0,00-5,00 mts  |
| Palma areca       | 4.8348,-75.6607                       | Primavera Azul | Palma     | 2,8      | 0,00-5,00 mts  |
| Palma areca       | 4.8347,-75.6609                       | Primavera Azul | Palma     | 2,3      | 0,00-5,00 mts  |
| Limon mandarina   | 4.8258,-75.6642                       | Primavera Azul | arbol     | 1,8      | 0,00-5,00 mts  |
| Palma areca       | 4.8347,-75.6612                       | Primavera Azul | Palma     | 2,4      | 0,00-5,00 mts  |
| Palma quency      | 4.8348,-75.6613                       | Primavera Azul | Palma     | 5,1      | 5,01-15,00 mts |
| Palma areca       | 4.8345,-75.6594                       | Primavera Azul | Palma     | 4,2      | 0,00-5,00 mts  |
| Guayabo dulce     | 4.8344,-75.6602                       | Primavera Azul | arbol     | 3,1      | 0,00-5,00 mts  |
| Acacia mangium    | 4.8343,-75.6602                       | Primavera Azul | arbol     | 3,4      | 0,00-5,00 mts  |
| Acacia mangium    | 4.8340,-75.6602                       | Primavera Azul | arbol     | 3,7      | 0,00-5,00 mts  |
| Tulipan africano  | 4.8340,-75.6603                       | Primavera Azul | arbol     | 2,3      | 0,00-5,00 mts  |
| Guayacan rosado   | 4.8341,-75.6602                       | Primavera Azul | arbol     | 2,3      | 0,00-5,00 mts  |
| Casco de vaca     | 4.8341,-75.6600                       | Primavera Azul | arbol     | 1,8      | 0,00-5,00 mts  |
| Casco de vaca     | 4.8341,-75.6599                       | Primavera Azul | arbol     | 1,8      | 0,00-5,00 mts  |
| Ebano ornamental  | 4.8344,-75.6598                       | Primavera Azul | arbol     | 1,4      | 0,00-5,00 mts  |
| Limon Tahiti      | 4.8345,-75.6600                       | Primavera Azul | arbol     | 1,6      | 0,00-5,00 mts  |
| Casco de vaca     | 4.8341,-75.6602                       | Primavera Azul | arbol     | 2,6      | 0,00-5,00 mts  |
| Carbonero rosado  | 4.8341,-75.6572                       | Primavera Azul | arbol     | 1,9      | 0,00-5,00 mts  |
| Saman             | 4.8341,-75.6573                       | Primavera Azul | arbol     | 3,3      | 0,00-5,00 mts  |
| Francoquina       | 4.8341,-75.6578                       | Primavera Azul | arbol     | 2,8      | 0,00-5,00 mts  |
| Aguacate          | 4.8341,-75.6575                       | Primavera Azul | arbol     | 4,2      | 0,00-5,00 mts  |
| Palma areca       | 4.8338,-75.6581                       | Primavera Azul | Palma     | 3,6      | 0,00-5,00 mts  |
| Aguacate          | 4.8338,-75.6580                       | Primavera Azul | arbol     | 3,3      | 0,00-5,00 mts  |
| Guamo santafereño | 4.8338,-75.6580                       | Primavera Azul | arbol     | 2,7      | 0,00-5,00 mts  |
| Guamo santafereño | 4.8338,-75.6580                       | Primavera Azul | arbol     | 2,2      | 0,00-5,00 mts  |
| Aguacate          | 4.8337,-75.6583                       | Primavera Azul | arbol     | 2,6      | 0,00-5,00 mts  |
| Achote            | 4.8337,-75.6583                       | Primavera Azul | arbol     | 2,4      | 0,00-5,00 mts  |
| Resucitado        | 4.8337,-75.6583                       | Primavera Azul | arbol     | 2,2      | 0,00-5,00 mts  |
| Aguacate          | 4.8337,-75.6585                       | Primavera Azul | arbol     | 4,2      | 0,00-5,00 mts  |
| Palma de corozo   | 4.8340,-75.6592                       | Primavera Azul | Palma     | 3,3      | 0,00-5,00 mts  |
| Guayaba araza     | 4.8338,-75.6582                       | Primavera Azul | arbol     | 2,5      | 0,00-5,00 mts  |
| Guayaba araza     | 4.8347,-75.6604                       | Primavera Azul | arbol     | 2,1      | 0,00-5,00 mts  |
| Palma areca       | 4.8348,-75.6605                       | Primavera Azul | Palma     | 1,3      | 0,00-5,00 mts  |
| Saman             | 4.8340,-75.6602                       | Primavera Azul | arbol     | 1,8      | 0,00-5,00 mts  |
| Aguacate          | 4.8347,-75.6612                       | Primavera Azul | arbol     | 6,4      | 5,00-15,00     |
| Guayabo dulce     | 4.8350,-75.6617                       | Primavera Azul | arbol     | 3,2      | 0,00-5,00 mts  |
| Limon mandarina   | 4.8350,-75.6616                       | Primavera Azul | arbol     | 4,5      | 0,00-5,00 mts  |
| Mango             | 4.8350,-75.6616                       | Primavera Azul | arbol     | 4,6      | 0,00-5,00 mts  |
| Palma areca       | 4.8349,-75.6615                       | Primavera Azul | Palma     | 2,3      | 0,00-5,00 mts  |
| Francoquina       | 4.8351,-75.6614                       | Primavera Azul | arbol     | 2        | 0,00-5,00 mts  |
| Limon mandarina   | 4.8351,-75.6614                       | Primavera Azul | arbol     | 2,6      | 0,00-5,00 mts  |
| Palma botella     | 4.8348,-75.6614                       | Primavera Azul | Palma     | 4,1      | 0,00-5,00 mts  |
| Palma areca       | 4.8350,-75.6615                       | Primavera Azul | Palma     | 2,8      | 0,00-5,00 mts  |
| Francoquina       | 4.8327,-75.6597                       | Primavera Azul | arbol     | 1,6      | 0,00-5,00 mts  |
| Palma areca       | 4.8331,-75.6593                       | Primavera Azul | Palma     | 1,6      | 0,00-5,00 mts  |
| Palma areca       | 4.8331,-75.6594                       | Primavera Azul | Palma     | 2,1      | 0,00-5,00 mts  |
| Dracena           | 4.8333,-75.6582                       | Primavera Azul | arbol     | 2,3      | 0,00-5,00 mts  |
| Aguacate          | 4.8335,-75.6577                       | Primavera Azul | arbol     | 2,8      | 0,00-5,00 mts  |
| Guanabano         | 4.8327,-75.6599                       | Primavera Azul | arbol     | 2,3      | 0,00-5,00 mts  |
| Limon mandarina   | 4.8328,-75.6596                       | Primavera Azul | arbol     | 2,4      | 0,00-5,00 mts  |
| Francoquina       | 4.8328,-75.6596                       | Primavera Azul | arbol     | 1,7      | 0,00-5,00 mts  |
| Limon mandarina   | 4.8328,-75.6595                       | Primavera Azul | arbol     | 2,3      | 0,00-5,00 mts  |
| Limon mandarina   | 4.8328,-75.6595                       | Primavera Azul | arbol     | 2,1      | 0,00-5,00 mts  |
| Guanabano         | 4.8328,-75.6595                       | Primavera Azul | arbol     | 1,9      | 0,00-5,00 mts  |
| Limon mandarina   | 4.8327,-75.6595                       | Primavera Azul | arbol     | 4,1      | 0,00-5,00 mts  |
| Palma quency      | 4.8328,-75.6595                       | Primavera Azul | Palma     | 4,6      | 0,00-5,00 mts  |
| Carbonero rojo    | 4.8335N - 75.6578W                    | Primavera Azul | arbol     | 2        | 0,00-5,00 mts  |
| Palma areca       | 4.8337N - 75.6574W                    | Primavera Azul | Palma     | 1,3      | 0,00-5,00 mts  |
| Dracena           | 4.8335N - 75.6574W                    | Primavera Azul | Arbusto   | 3,1      | 0,00-5,00 mts  |

| NOM_COM           | COORDENADA                            | BARRIO                                | HAB_CRECIM | H_mts_1     | Rango_ajtu      |
|-------------------|---------------------------------------|---------------------------------------|------------|-------------|-----------------|
| Guayaba araza     | 4.8334N - 75.6573W                    | Primavera Azul                        | arbol      | 2,5         | 0,00-5,00 mts   |
| Palma areca       | 4.8334N - 75.6572W                    | Primavera Azul                        | Palma      | 2,8         | 0,00-5,00 mts   |
| Palma areca       | 4.8334N - 75.6572W                    | Primavera Azul                        | Palma      | 2,2         | 0,00-5,00 mts   |
| Limon mandarino   | 4.8334N - 75.6572W                    | Primavera Azul                        | arbol      | 2,1         | 0,00-5,00 mts   |
| Palma areca       | 4.8334N - 75.6571W                    | Primavera Azul                        | Palma      | 2,5         | 0,00-5,00 mts   |
| Aguate            | 4.8334N - 75.6571W                    | Primavera Azul                        | arbol      | 6,2         | 5,01-15,00 mts  |
| Palma areca       | 4.8334N - 75.6571W                    | Primavera Azul                        | Palma      | 2,3         | 0,00-5,00 mts   |
| Palma areca       | 4.8336N - 75.6572W                    | Primavera Azul                        | Palma      | 2,2         | 0,00-5,00 mts   |
| Guayabo dulce     | 4.8341N - 75.6569W                    | Primavera Azul                        | arbol      | 4,2         | 0,00-5,00 mts   |
| Saman             | 4.8341N - 75.6572W                    | Primavera Azul                        | arbol      | 2,7         | 0,00-5,00 mts   |
| Palma areca       | 4.8335N - 75.6571W                    | Primavera Azul                        | Palma      | 2,3         | 0,00-5,00 mts   |
| Mango             | 4.8344N - 75.6609W                    | Primavera Azul                        | arbol      | 2,3         | 0,00-5,00 mts   |
| Casco de vaca     | 4.8363 - 75.6600                      | Puerto Nuevo - PRIMAVERA AZUL         | arbol      | 3,2         | 0,00-5,00 mts   |
| Palma areca       | 4.8371 - 75.6595                      | Puerto Nuevo - PRIMAVERA AZUL         | Palma      | 1,9         | 0,00-5,00 mts   |
| Palma areca       | 4.8371 - 75.6595                      | Puerto Nuevo - PRIMAVERA AZUL         | Palma      | 2,6         | 0,00-5,00 mts   |
| Palma areca       | 4.8371 - 75.6595                      | Puerto Nuevo - PRIMAVERA AZUL         | Palma      | 1,8         | 0,00-5,00 mts   |
| Palma areca       | 4.8368 - 75.6596                      | Puerto Nuevo - PRIMAVERA AZUL         | Palma      | 2,8         | 0,00-5,00 mts   |
| Palma areca       | 4.8368 - 75.6596                      | Puerto Nuevo - PRIMAVERA AZUL         | Palma      | 2,7         | 0,00-5,00 mts   |
| Palma areca       | 4.8372 - 75.6591                      | Puerto Nuevo - PRIMAVERA AZUL         | Palma      | 2,3         | 0,00-5,00 mts   |
| Palma cubana      | 4.846308297068404,-75.67179266363384  | Quintas de Aragon                     | Palma      | 18          | 15,00-25,00 mts |
| Palma cubana      | 4.845110854721598,-75.67174126638641  | Quintas de Aragon                     | Palma      | 17,2        | 15,00-25,00 mts |
| Palma cubana      | 4.845042034834859,-75.67175028356571  | Quintas de Aragon                     | Palma      | 16,8        | 15,00-25,00 mts |
| Palma cubana      | 4.844926109621438,-75.67181747406721  | Quintas de Aragon                     | Palma      | 17,3        | 15,00-25,00 mts |
| Palma cubana      | 4.8447918100856535,-75.67185938358307 | Quintas de Aragon                     | Palma      | 16,7        | 15,00-25,00 mts |
| Palma cubana      | 4.844715974322823,-75.67201529281044  | Quintas de Aragon                     | Palma      | 15,9        | 15,00-25,00 mts |
| Palma cubana      | 4.8445612860665105,-75.67205786705017 | Quintas de Aragon                     | Palma      | 15,1        | 15,00-25,00 mts |
| Guayabo dulce     | 4.843782224915733,-75.67198075354099  | Quintas de Aragon                     | arbol      | 4,1         | 0,00-5,00 mts   |
| Palma quency      | 4.843856056311158,-75.6724813207984   | Quintas de Aragon                     | Palma      | 7,8         | 5,01-15,00 mts  |
| Higuero           | 4.843944821237932,-75.6723827496171   | Quintas de Aragon                     | arbol      | 4,9         | 0,00-5,00 mts   |
| Quebrabrango      | 4.8326N - 75.6884W                    | Quintas del campo D                   | arbol      | 8,4         | 5,01-10,00 mts  |
| Palma areca       | 4.83318636 - 75.68783659              | Quintas del Campo D                   | Palma      | 3           | 0,00-5,00 mts   |
| Palma areca       | 4.83359707 - 75.68723492              | Quintas del Campo D                   | Palma      | 5           | 0,00-5,00 mts   |
| Palma areca       | 4.83341266 - 75.68691321              | Quintas del Campo D                   | Palma      | 3           | 0,00-5,00 mts   |
| Palma areca       | 4.83230135 - 75.6870424               | Quintas del Campo D                   | Palma      | 3           | 0,00-5,00 mts   |
| Palma areca       | 4.83318636 - 75.68783659              | Quintas del Campo D                   | Palma      | 3           | 0,00-5,00 mts   |
| Palma areca       | 4.83359707 - 75.68723492              | Quintas del Campo D                   | Palma      | 5           | 0,00-5,00 mts   |
| Palma areca       | 4.83341266 - 75.68691321              | Quintas del Campo D                   | Palma      | 3           | 0,00-5,00 mts   |
| Palma areca       | 4.83230135 - 75.6870424               | Quintas del Campo D                   | Palma      | 3           | 0,00-5,00 mts   |
| Aguate            | 4.832304184620557,-75.68831507116556  | Quintas del Campo D                   | arbol      | 5,8         | 5,01-10,00 mts  |
| Aguate            | 4.832366658399598,-75.68834189325571  | Quintas del Campo D                   | arbol      | 5,5         | 5,01-10,00 mts  |
| Aguate            | 4.832402071341291,-75.6883455812931   | Quintas del Campo D                   | arbol      | 7,1         | 5,01-10,00 mts  |
| Aguate            | 4.832458967930863,-75.68834960480661  | Quintas del Campo D                   | arbol      | 6,2         | 5,01-10,00 mts  |
| Mango             | 4.832467885954462,-75.68836435675621  | Quintas del Campo D                   | arbol      | 5,6         | 5,01-10,00 mts  |
| Aguate            | 4.832482919748462,-75.68833854049446  | Quintas del Campo D                   | arbol      | 7,6         | 5,01-10,00 mts  |
| Guano santafeveno | 4.831947382392473,-75.68828969017992  | Quintas del Campo D                   | arbol      | 7,9         | 5,01-10,00 mts  |
| Aguate            | 4.83199820146275,-75.68828456103803   | Quintas del Campo D                   | arbol      | 7,5         | 5,01-10,00 mts  |
| Palma manila      | 4.833034158631098,-75.68791139870882  | Quintas del Campo D                   | Palma      | 2,6         | 2,01-5,00 mts   |
| Palma manila      | 4.83305874093038,-75.687898658216     | Quintas del Campo D                   | Palma      | 3           | 2,01-5,00 mts   |
| Palma areca       | 4.832293159635418,-75.68705946207047  | Quintas del Campo D                   | Palma      | 4,9         | 2,01-5,00 mts   |
| Mandarino         | 4.832384030786311,-75.68705443292856  | Quintas del Campo D                   | arbol      | 3,7         | 2,01-5,00 mts   |
| Limon             | 4.832458861171995,-75.68706884980202  | Quintas del Campo D                   | arbol      | 4,2         | 2,01-5,00 mts   |
| Palma areca       | 4.831996156484466,-75.68724788725376  | Quintas del Campo D                   | Palma      | 3,2         | 2,01-5,00 mts   |
| Palma robolini    | 4.8271946786255296,-75.68506222218275 | Quintas del Refugio                   | Palma      | 0,29-2,8    | 0,00-2,00 mts   |
| Palma robolini    | 4.82700658786764,-75.68487111479044   | Quintas del Refugio                   | Palma      | 3,6         | 2,01-5,00 mts   |
| Palma robolini    | 4.8269664972258255,-75.68482283502817 | Quintas del Refugio                   | Palma      | 3,1         | 2,01-5,00 mts   |
| Acacia amarilla   | 4.827039996367342,-75.68477287888527  | Quintas del Refugio                   | arbol      | 3,6         | 2,01-5,00 mts   |
| Palma robolini    | 4.826938788002175,-75.6847869604826   | Quintas del Refugio                   | Palma      | 3,7         | 2,01-5,00 mts   |
| Palma robolini    | 4.82690062078704,-75.68474471569061   | Quintas del Refugio                   | Palma      | 3,5         | 2,01-5,00 mts   |
| Palma robolini    | 4.826879634593766,-75.68469073623419  | Quintas del Refugio                   | Palma      | 2,3         | 2,01-5,00 mts   |
| Benjamin          | 4.826955472352908,-75.68466290831566  | Quintas del Refugio                   | arbol      | 4,2         | 2,01-5,00 mts   |
| Acacia amarilla   | 4.826854578063213,-75.68464413285255  | Quintas del Refugio                   | arbol      | 5,5         | 5,01-10,00 mts  |
| Acacia amarilla   | 4.826819498918903,-75.68459618836641  | Quintas del Refugio                   | arbol      | 5,9         | 5,01-10,00 mts  |
| Acacia amarilla   | 4.826798094731016,-75.6845811009407   | Quintas del Refugio                   | arbol      | 6,5         | 5,01-10,00 mts  |
| Acacia amarilla   | 4.826769719939559,-75.684542879462204 | Quintas del Refugio                   | arbol      | 7           | 5,01-10,00 mts  |
| Acacia amarilla   | 4.82674833836342,-75.68452041596174   | Quintas del Refugio                   | arbol      | 8,1         | 5,01-10,00 mts  |
| Acacia amarilla   | 4.82671760234665,-75.68448588252068   | Quintas del Refugio                   | arbol      | 6           | 5,01-10,00 mts  |
| Palma areca       | 4.8270 - 75.6848                      | Quintas del Refugio                   | Palma      | 3,8         | 0,00-5,00 mts   |
| Palma areca       | 4.8270 - 75.6848                      | Quintas del Refugio                   | Palma      | 4           | 0,00-5,00 mts   |
| Leucaena          | 4.8271 - 75.6849                      | Quintas del Refugio                   | arbol      | 3,9         | 0,00-5,00 mts   |
| Leucaena          | 4.8271 - 75.6849                      | Quintas del Refugio                   | arbol      | 5,1         | 0,00-5,00 mts   |
| Limon tahit       | 4.8272 - 75.6851                      | Quintas del Refugio                   | arbol      | 3,5         | 0,00-5,00 mts   |
| Palma quency      | 4.8272 - 75.6852                      | Quintas del Refugio                   | Palma      | 4,4         | 0,00-5,00 mts   |
| Palma manila      | 48260 - 75.6824                       | Quintas del refugio                   | Palma      | 4,1         | 0,00-5,00 mts   |
| Acacia amarilla   | 4.82688536764085,-75.6844587251544    | Quintas del Refugio - Av. Ferrocarril | arbol      | 5,1         | 5,01-10,00 mts  |
| Acacia amarilla   | 4.826639425949234,-75.68450566381216  | Quintas del Refugio - Av. Ferrocarril | arbol      | 6,4         | 5,01-10,00 mts  |
| Acacia amarilla   | 4.826619714805245,-75.6845137104392   | Quintas del Refugio - Av. Ferrocarril | arbol      | 0,88 - 8,80 | 0,00-2,00 mts   |
| Acacia amarilla   | 4.826603678619668,-75.68451438099146  | Quintas del Refugio - Av. Ferrocarril | arbol      | 0,78 - 7,80 | 0,00-2,00 mts   |
| Acacia amarilla   | 4.8265321839543205,-75.68457908928394 | Quintas del Refugio - Av. Ferrocarril | arbol      | 4,5         | 2,01-5,00 mts   |
| Acacia amarilla   | 4.826501447927641,-75.68460423499346  | Quintas del Refugio - Av. Ferrocarril | arbol      | 9,6         | 5,01-10,00 mts  |
| Acacia amarilla   | 4.826470377812319,-75.6846253738945   | Quintas del Refugio - Av. Ferrocarril | arbol      | 8,7         | 5,01-10,00 mts  |
| Acacia amarilla   | 4.8264446991703066,-75.6846414450932  | Quintas del Refugio - Av. Ferrocarril | arbol      | 6,9         | 5,01-10,00 mts  |
| Acacia amarilla   | 4.826425276029467,-75.68465888500214  | Quintas del Refugio - Av. Ferrocarril | arbol      | 9,3         | 5,01-10,00 mts  |
| Palma manila      | 4.826371153886094,-75.6847688557175   | Quintas del Refugio - Av. Ferrocarril | Palma      | 2,6         | 2,01-5,00 mts   |
| palma areca       | 4.83620995402823,-75.66187720746802   | San Diego                             | Palma      | 6,1         | 5,01-10,00 mts  |
| palma areca       | 4.836228996728689,-75.66184636205435  | San Diego                             | Palma      | 5,9         | 5,01-10,00 mts  |
| Mango             | 4.836322205728672,-75.6617645646794   | San Diego                             | arbol      | 4,6         | 2,01-5,00 mts   |
| Mango             | 4.836333230448128,-75.66177159547806  | San Diego                             | arbol      | 3,9         | 2,01-5,00 mts   |
| Palma de coco     | 4.836647936003672,-75.66269226372342  | San Diego                             | Palma      | 5,9         | 5,01-10,00 mts  |
| Palma de coco     | 4.836646440116127,-75.66271573887968  | San Diego                             | Palma      | 5,3         | 5,01-10,00 mts  |
| Palma de coco     | 4.83668435096829,-75.66273652017117   | San Diego                             | Palma      | 4,5         | 2,01-5,00 mts   |
| Palma de coco     | 4.836697714257557,-75.66275730729103  | San Diego                             | Palma      | 4,4         | 2,01-5,00 mts   |
| Aguate            | 4.8368 - 75.6627                      | San Diego                             | arbol      | 2,7         | 0,00-5,00 mts   |
| Leucaena          | 4.8368 - 75.6627                      | San Diego                             | arbol      | 3,1         | 0,00-5,00 mts   |
| Palma areca       | 4.8362 - 75.6616                      | San Diego                             | Palma      | 1,3         | 0,00-5,00 mts   |
| Pino libro        | 4.842115169995351,-75.6744872786541   | San Felix                             | arbol      | 5,2         | 5,01-10,00 mts  |
| Palma juca        | 4.842078087163828,-75.67446179687977  | San Felix                             | Arbusto    | 7,4         | 5,01-10,00 mts  |
| Palma robolini    | 4.841983542638208,-75.67454025149345  | San Felix                             | Palma      | 2,7         | 2,01-5,00 mts   |
| Pino vela         | 4.841991226489413,-75.67450060119629  | San Felix                             | arbol      | 6,1         | 5,01-10,00 mts  |
| Palma areca       | 4.84199623542479,-75.67444838583471   | San Felix                             | Palma      | 6,1         | 5,01-10,00 mts  |
| Palma de coco     | 4.841970513632939,-75.67452105304003  | San Felix                             | Palma      | 5,9         | 5,01-10,00 mts  |
| Palma areca       | 4.841819175445625,-75.674537146239412 | San Felix                             | Palma      | 5           | 5,01-10,00 mts  |
| Almendro          | 4.841780377415818,-75.67455458065271  | San Felix                             | arbol      | 5,2         | 5,01-10,00 mts  |
| Almendro          | 4.8416574808513495,-75.67457612603903 | San Felix                             | arbol      | 5,6         | 5,01-10,00 mts  |
| Mandarino         | 4.841621066154331,-75.67459993064404  | San Felix                             | arbol      | 5,1         | 5,01-10,00 mts  |
| Benjamin          | 4.841574629060785,-75.67456740885972  | San Felix                             | arbol      | 4,6         | 2,01-5,00 mts   |
| Palma areca       | 4.841645452979152,-75.674668497421265 | San Felix                             | Palma      | 6           | 5,01-10,00 mts  |
| Palma juca        | 4.841757704777972,-75.67481517791748  | San Felix                             | Arbusto    | 5,9         | 5,01-10,00 mts  |
| Palma areca       | 4.841540886998013,-75.67498851567507  | San Felix                             | Palma      | 5,9         | 5,01-10,00 mts  |
| Palma areca       | 4.841521510367148,-75.67501399666072  | San Felix                             | Palma      | 7,2         | 5,01-10,00 mts  |
| Palma areca       | 4.841431308802345,-75.6750626534153   | San Felix                             | Palma      | 7,1         | 5,01-10,00 mts  |
| Palma areca       | 4.8414062528099935,-75.6750599249009  | San Felix                             | Palma      | 6,6         | 5,01-10,00 mts  |
| Palma robolini    | 4.841423624964792,-75.67506962918425  | San Felix                             | Palma      | 3,1         | 2,01-5,00 mts   |
| Carbonero rosado  | 4.8414246272044785,-75.67507669329643 | San Felix                             | arbol      | 3,6         | 2,01-5,00 mts   |



| NOM_COM           | COORDENADA                            | BARRIO    | HAB_CRECIA  | H_mts_1 | Rango_ajsto     |
|-------------------|---------------------------------------|-----------|-------------|---------|-----------------|
| Palma areca       | 4.841411598089447,-75.67512094974519  | San Felix | Palma       | 6,8     | 5,01-10,00 mts  |
| Ciadaa            | 4.8415236489260696,-75.67500360310076 | San Felix | Pseudopalma | 2,6     | 2,01-5,00 mts   |
| Saman             | 4.8415028018955443,-75.67634537816048 | San Felix | arbol       | 12,4    | 10,01-15,00 mts |
| Casco de vaca     | 4.841374181138433,-75.67642215639351  | San Felix | arbol       | 13,2    | 10,01-15,00 mts |
| Limon tahiti      | 4.841246896676894,-75.67645736038685  | San Felix | arbol       | 4,6     | 2,01-5,00 mts   |
| Urapan            | 4.841037762575231,-75.67664612084627  | San Felix | arbol       | 14,3    | 10,01-15,00 mts |
| Acacia mangium    | 4.84143463272044785,-75.6750766932886 | San Felix | arbol       | 12,4    | 10,01-15,00 mts |
| Nogal cafetero    | 4.841374848296267,-75.676383699634367 | San Felix | arbol       | 13,6    | 10,01-15,00 mts |
| Guanday           | 4.8415236489262369,-75.6750369310317  | San Felix | arbol       | 8,5     | 10,01-15,00 mts |
| Guayacan amarillo | 4.8409205004548,-75.676631033420266   | San Felix | arbol       | 9       | 5,01-10,00 mts  |
| Guayacan amarillo | 4.840976296317271,-75.676641091704337 | San Felix | arbol       | 13,5    | 10,01-15,00 mts |
| Fuajalito         | 4.841037762575231,-75.67664612084627  | San Felix | arbol       | 18,6    | 15,01-28,00 mts |
| Palma areca       | 4.841037762575231,-75.67664612084627  | San Felix | Palma       | 8,3     | 10,01-15,00 mts |
| Dracena           | 4.8409205004548,-75.67651871691806    | San Felix | Arbusto     | 3,5     | 2,01-5,00 mts   |
| Palma areca       | 4.840918830054083,-75.67650429904461  | San Felix | Palma       | 5,8     | 5,01-10,00 mts  |
| Guano santafelero | 4.840892091237136,-75.67644260523727  | San Felix | arbol       | 8,2     | 5,01-10,00 mts  |
| Urapan            | 4.840807915436856,-75.6763406842947   | San Felix | arbol       | 9,2     | 5,01-10,00 mts  |
| Guayabo dulce     | 4.840710029931259,-75.67584662255983  | San Felix | arbol       | 3,1     | 2,01-5,00 mts   |
| Guayabo dulce     | 4.840679962706247,-75.675846648728372 | San Felix | arbol       | 7,7     | 5,01-10,00 mts  |
| Aguaate           | 4.84066659497603,-75.67582335323095   | San Felix | arbol       | 5,6     | 5,01-10,00 mts  |
| Aguaate           | 4.840648893243092,-75.67567365504866  | San Felix | arbol       | 6,2     | 5,01-10,00 mts  |
| Palma quency      | 4.840753816849053,-75.67567516701126  | San Felix | Palma       | 7,1     | 5,01-10,00 mts  |
| Palma areca       | 4.8405991152797968,-75.67566485533714 | San Felix | Palma       | 4,7     | 2,01-5,00 mts   |
| Palma areca       | 4.840500227502524,-75.67553032189608  | San Felix | Palma       | 3,8     | 2,01-5,00 mts   |
| Guabatano         | 4.840487532449442,-75.67552763968706  | San Felix | arbol       | 3,6     | 2,01-5,00 mts   |
| Araucaria         | 4.840448779126811,-75.67544482648373  | San Felix | arbol       | 6,6     | 5,01-10,00 mts  |
| Aguaate           | 4.84039832987995,-75.67540023475885   | San Felix | arbol       | 6       | 5,01-10,00 mts  |
| Aguaate           | 4.8403976648271945,-75.67539285868406 | San Felix | arbol       | 5,1     | 5,01-10,00 mts  |
| Mango             | 4.840338532593403,-75.67532379180193  | San Felix | arbol       | 6,2     | 5,01-10,00 mts  |
| arbol de pan      | 4.840399336229195,-75.67532043904066  | San Felix | arbol       | 15,8    | 15,01-28,00 mts |
| Aguaate           | 4.840386974254232,-75.6753280345869   | San Felix | arbol       | 5,2     | 5,01-10,00 mts  |
| Palma areca       | 4.8403649249469725,-75.6753546372056  | San Felix | Palma       | 3,3     | 2,01-5,00 mts   |
| Palma areca       | 4.840548899606845,-75.67482890675354  | San Felix | Palma       | 3,4     | 2,01-5,00 mts   |
| Palma areca       | 4.84051983229452,-75.67476388067007   | San Felix | Palma       | 4,5     | 2,01-5,00 mts   |
| Araucaria         | 4.8408349759324885,-75.67466698586942 | San Felix | arbol       | 3,2     | 2,01-5,00 mts   |
| Cipres            | 4.841316051229835,-75.67469917237759  | San Felix | arbol       | 3,2     | 2,01-5,00 mts   |
| Warreke cariado   | 4.841473736847295,-75.67459490150213  | San Felix | Arbusto     | 2,2     | 2,01-5,00 mts   |
| Palma areca       | 4.840562700525807,-75.67435517907143  | San Felix | Palma       | 6,2     | 5,01-10,00 mts  |
| Mango             | 4.8402887097979613,-75.67523289669541 | San Felix | arbol       | 3,9     | 2,01-5,00 mts   |
| Limon tahiti      | 4.8402306244605417,-75.67522756755352 | San Felix | arbol       | 2,9     | 2,01-5,00 mts   |
| Guayabo dulce     | 4.8401574608975285,-75.67515179514885 | San Felix | arbol       | 3,7     | 2,01-5,00 mts   |
| Guayacan amarillo | 4.8401491089622111,-75.67514676006095 | San Felix | arbol       | 4,3     | 2,01-5,00 mts   |
| Guayacan amarillo | 4.840177505806249,-75.67512698471546  | San Felix | arbol       | 2,4     | 2,01-5,00 mts   |
| Acacia mangium    | 4.840141759190619,-75.67510418593884  | San Felix | arbol       | 2,9     | 2,01-5,00 mts   |
| Francesina        | 4.840137416143735,-75.67511156201363  | San Felix | Arbusto     | 2,6     | 2,01-5,00 mts   |
| Limon mandarina   | 4.8401080170563855,-75.67502707242966 | San Felix | arbol       | 2,4     | 2,01-5,00 mts   |
| Benjamin          | 4.840094987914984,-75.67507334053516  | San Felix | arbol       | 16      | 15,01-28,00 mts |
| Mango             | 4.840091647109468,-75.67501366138458  | San Felix | arbol       | 4,1     | 2,01-5,00 mts   |
| Mandarino         | 4.840086963981701,-75.67499622702597  | San Felix | arbol       | 4,2     | 2,01-5,00 mts   |
| Guayabo dulce     | 4.840065922906367,-75.67502371966839  | San Felix | arbol       | 8,6     | 5,01-10,00 mts  |
| Guayabo dulce     | 4.840062916181251,-75.67497611045837  | San Felix | arbol       | 6,1     | 5,01-10,00 mts  |
| Nogal cafetero    | 4.840046880313818,-75.67497678101063  | San Felix | arbol       | 21,3    | 15,01-28,00 mts |
| Aguaate           | 4.840024496914887,-75.67496538162231  | San Felix | arbol       | 8,3     | 5,01-10,00 mts  |
| Aguaate           | 4.840013138174852,-75.67494962364434  | San Felix | arbol       | 11,3    | 10,01-15,00 mts |
| Aguaate           | 4.84000211351523,-75.67491810768843   | San Felix | arbol       | 8,3     | 5,01-10,00 mts  |
| Mandarino         | 4.839973048602605,-75.67491576075554  | San Felix | arbol       | 4,2     | 2,01-5,00 mts   |
| Urapan            | 4.839980732336647,-75.67492246627808  | San Felix | arbol       | 17,3    | 15,01-28,00 mts |
| Urapan            | 4.839958348955145,-75.67492021443434  | San Felix | arbol       | 10,6    | 10,01-15,00 mts |
| Acacia amarilla   | 4.83990359973175,-75.67477695643902   | San Felix | arbol       | 12,6    | 10,01-15,00 mts |
| Urapan            | 4.839892200989679,-75.67476220428944  | San Felix | arbol       | 6,3     | 5,01-10,00 mts  |
| Acacia amarilla   | 4.839888192021848,-75.67475348711012  | San Felix | arbol       | 7,8     | 5,01-10,00 mts  |
| Guayabo dulce     | 4.83946424353928,-75.67523829638958   | San Felix | arbol       | 2,3     | 2,01-5,00 mts   |
| Palma areca       | 4.8408-75.6757                        | San Felix | Palma       | 1,6     | 0,00-5,00 mts   |
| Palma areca       | 4.8414-75.6763                        | San Felix | Palma       | 7,1     | 5,01-15,00 mts  |
| Palma Quency      | 4.8413-75.6751                        | San Felix | Palma       | 3,8     | 0,00-5,00 mts   |
| Palma areca       | 4.8417-75.6745                        | San Felix | Palma       | 3,1     | 0,00-5,00 mts   |
| Palma areca       | 4.8404-75.6753                        | San Felix | Palma       | 4,2     | 0,00-5,00 mts   |
| Palma Areca       | 4.8424-75.6744                        | San Felix | Palma       | 2,4     | 0,00-5,00 mts   |
| Palma Areca       | 4.8425-75.6745                        | San Felix | Palma       | 2,2     | 0,00-5,00 mts   |
| Palma areca       | 4.8413-75.6746                        | San Felix | Palma       | 2,3     | 0,00-5,00 mts   |
| Palma areca       | 4.8409-75.6748                        | San Felix | Palma       | 2,5     | 0,00-5,00 mts   |
| Palma de coco     | 4.8404-75.6742                        | San Felix | Palma       | 1,6     | 0,00-5,00 mts   |
| Palma areca       | 4.8408-75.6763                        | San Felix | Palma       | 1,7     | 0,00-5,00 mts   |
| Palma areca       | 4.8408-75.6763                        | San Felix | Palma       | 2       | 0,00-5,00 mts   |
| Palma areca       | 4.8411-75.6763                        | San Felix | Palma       | 1,2     | 0,00-5,00 mts   |
| Limon mandarina   | 4.8404-75.6752                        | San Felix | arbol       | 2,5     | 0,00-5,00 mts   |
| Naranja           | 4.8405-75.6753                        | San Felix | arbol       | 2,4     | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8405-75.6753                        | San Felix | arbol       | 1,8     | 0,00-5,00 mts   |
| Guayacan rosado   | 4.8405-75.6754                        | San Felix | arbol       | 2,3     | 0,00-5,00 mts   |
| Higuero           | 4.8405-75.6754                        | San Felix | arbol       | 1,4     | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8405-75.6754                        | San Felix | arbol       | 4,2     | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8405-75.6754                        | San Felix | arbol       | 2,1     | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8405-75.6754                        | San Felix | arbol       | 3,4     | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8405-75.6754                        | San Felix | arbol       | 3,2     | 0,00-5,00 mts   |
| Tulipan africano  | 4.8405-75.6756                        | San Felix | arbol       | 5,6     | 5,01-15,00 mts  |
| Acacia amarilla   | 4.8405-75.6753                        | San Felix | arbol       | 2,2     | 0,00-5,00 mts   |
| Guayabo dulce     | 4.8407-75.6761                        | San Felix | arbol       | 3,6     | 0,00-5,00 mts   |
| Mango             | 4.8413-75.6764                        | San Felix | arbol       | 3,2     | 0,00-5,00 mts   |
| Mango             | 4.8414-75.6763                        | San Felix | arbol       | 5,3     | 5,01-15,00 mts  |
| Limon Tahiti      | 4.8414-75.6751                        | San Felix | arbol       | 1,2     | 0,00-5,00 mts   |
| Jazmin            | 4.8417-75.6747                        | San Felix | Arbusto     | 1,8     | 0,00-5,00 mts   |
| Limon mandarina   | 4.8417-75.6746                        | San Felix | Arbusto     | 2       | 0,00-5,00 mts   |
| Francesina        | 4.8419-75.6745                        | San Felix | Arbusto     | 2,3     | 0,00-5,00 mts   |
| etano ornamental  | 4.8419-75.6746                        | San Felix | Arbusto     | 1,5     | 0,00-5,00 mts   |
| Guanday           | 4.8419-75.6745                        | San Felix | arbol       | 4,2     | 0,00-5,00 mts   |
| etano ornamental  | 4.8420-75.6744                        | San Felix | Arbusto     | 1,7     | 0,00-5,00 mts   |
| etano ornamental  | 4.8421-75.6744                        | San Felix | Arbusto     | 1,8     | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8403-75.6743                        | San Felix | arbol       | 1,8     | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8402-75.6744                        | San Felix | arbol       | 1,7     | 0,00-5,00 mts   |
| Aguaate           | 4.8402-75.6744                        | San Felix | arbol       | 3,6     | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8402-75.6744                        | San Felix | arbol       | 1,5     | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8400-75.6745                        | San Felix | arbol       | 6,3     | 5,01-15,00 mts  |
| Aguaate           | 4.8403-75.6751                        | San Felix | arbol       | 2,4     | 0,00-5,00 mts   |
| Limon mandarina   | 4.8404-75.6751                        | San Felix | arbol       | 2,6     | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8404-75.6752                        | San Felix | arbol       | 4,1     | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8403-75.6749                        | San Felix | arbol       | 4,4     | 0,00-5,00 mts   |
| Limon mandarina   | 4.8402-75.6750                        | San Felix | arbol       | 2,2     | 0,00-5,00 mts   |
| Limon mandarina   | 4.8404-75.6753                        | San Felix | arbol       | 2,5     | 0,00-5,00 mts   |
| Limon mandarina   | 4.8421-75.6744                        | San Felix | arbol       | 1,9     | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8421-75.6744                        | San Felix | arbol       | 2       | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8421-75.6741                        | San Felix | arbol       | 2,3     | 0,00-5,00 mts   |
| Casco de vaca     | 4.8422-75.6741                        | San Felix | arbol       | 2,4     | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8422-75.6742                        | San Felix | arbol       | 2,3     | 0,00-5,00 mts   |

| NOMI_DOM          | COORDENADA                            | BARRIO       | HAB_CRECIM | H_mts_1    | Rango_mts       |
|-------------------|---------------------------------------|--------------|------------|------------|-----------------|
| Acacia amarilla   | 4.8423 - 75.6743                      | San Felix    | arbol      | 2,5        | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8424 - 75.6744                      | San Felix    | arbol      | 2,6        | 0,00-5,00 mts   |
| ebano ornamental  | 4.8410 - 75.6748                      | San Felix    | arbol      | 2,1        | 0,00-5,00 mts   |
| ebano ornamental  | 4.8409 - 75.6748                      | San Felix    | arbol      | 2,1        | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8405 - 75.6742                      | San Felix    | arbol      | 2,4        | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8409 - 75.6742                      | San Felix    | arbol      | 2,5        | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8404 - 75.6742                      | San Felix    | arbol      | 1,7        | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8405 - 75.6742                      | San Felix    | arbol      | 1,5        | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8404 - 75.6743                      | San Felix    | arbol      | 2,6        | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8403 - 75.6743                      | San Felix    | arbol      | 2,5        | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8401 - 75.6744                      | San Felix    | arbol      | 1,7        | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8406 - 75.6756                      | San Felix    | arbol      | 3,4        | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8406 - 75.6756                      | San Felix    | arbol      | 1,7        | 0,00-5,00 mts   |
| Guanabano         | 4.8408 - 75.6763                      | San Felix    | arbol      | 3          | 0,00-5,00 mts   |
| Francesina        | 4.8401 - 75.6763                      | San Felix    | arbol      | 2,4        | 0,00-5,00 mts   |
| Siete cueros      | 4.841061N - 75.676716W                | San Felix    | arbol      | 2,7        | 0,00-5,00 mts   |
| Siete cueros      | 4.841168N - 75.676654W                | San Felix    | arbol      | 2,6        | 0,00-5,00 mts   |
| Urupan            | 4.841108N - 75.676962W                | San Felix    | arbol      | 4,1        | 0,00-5,00 mts   |
| Guayacan amarillo | 4.841118N - 75.676992W                | San Felix    | arbol      | 2,7        | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8412 - 75.6765                      | San Felix    | arbol      | 1,5        | 0,00-5,00 mts   |
| Gulanday          | 4.8413 - 75.6764                      | San Felix    | arbol      | 2,3        | 0,00-5,00 mts   |
| Palma areca       | 4.8405N - 75.6753W                    | San Felix    | Palma      | 5,4        | 5,01-15,00 mts  |
| Candelabro rojo   | 4.8402 - 75.6744                      | San Felix    | arbol      | 1,7        | 0,00-5,00 mts   |
| Carbonero rosado  | 4.836334900860168,-75.66733617335558  | San Fernando | arbol      | 11         | 10,01-15,00 mts |
| Palma cubana      | 4.836470204221701,-75.66749878227711  | San Fernando | Palma      | 16         | 15,01-28,00 mts |
| Palma cubana      | 4.836505282866576,-75.66745593165674  | San Fernando | Palma      | 19         | 15,01-28,00 mts |
| Palma cubana      | 4.836524325558753,-75.667456202209    | San Fernando | Palma      | 15,5       | 15,01-28,00 mts |
| Palma cubana      | 4.836513969006931,-75.66757589579629  | San Fernando | Palma      | 18         | 15,01-28,00 mts |
| Palma cubana      | 4.836546040908814,-75.66757656633854  | San Fernando | Palma      | 17         | 15,01-28,00 mts |
| Palma cubana      | 4.836566085846721,-75.6675547733903   | San Fernando | Palma      | 18         | 15,01-28,00 mts |
| Palma cubana      | 4.836546709073431,-75.66760875284672  | San Fernando | Palma      | 18,5       | 15,01-28,00 mts |
| arbol pupo        | 4.8366806760636845,-75.66762585192919 | San Fernando | arbol      | 13         | 10,01-15,00 mts |
| Tulipan africano  | 4.8366295614795085,-75.66768083721401 | San Fernando | arbol      | 24 - 14,00 | 10,01-15,00 mts |
| Francesina        | 4.8367 - 756676                       | San Fernando | Arbusto    | 3          | 0,00-5,00 mts   |
| Francesina        | 4.8366 - 756676                       | San Fernando | Arbusto    | 2,8        | 0,00-5,00 mts   |
| Palma robelini    | 4.8365 - 75.6675                      | San Fernando | Palma      | 2,3        | 0,00-5,00 mts   |
| Casco de vaca     | 4.8365 - 75.6675                      | San Fernando | arbol      | 3,4 - 6,50 | 5,01-15,00 mts  |
| Guayacan amarillo | 4.8366 - 75.6675                      | San Fernando | arbol      | 2,2 - 4,20 | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8366 - 75.6675                      | San Fernando | arbol      | 1,7        | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8367 - 75.6675                      | San Fernando | arbol      | 1,3        | 0,00-5,00 mts   |
| Palma robelini    | 4.8366 - 75.6674                      | San Fernando | Palma      | 2,3        | 0,00-5,00 mts   |
| Candelabro rojo   | 4.8367 - 75.6676                      | San Fernando | arbol      | 2,6        | 0,00-5,00 mts   |
| Palma areca       | 4.8366 - 75.6677                      | San Fernando | Palma      | 3,8        | 0,00-5,00 mts   |
| Casco de vaca     | 4.8366 - 75.6677                      | San Fernando | arbol      | 3,4 - 6,70 | 5,01-15,00 mts  |
| Tulipan africano  | 4.816782111974078,-75.6826489046216   | San Judas    | arbol      | 12         | 10,01-15,00 mts |
| Mango             | 4.816795484759656,-75.6826314710263   | San Judas    | arbol      | 2,6        | 2,01-5,00 mts   |
| Aguacate          | 4.81674937095392,-75.68257682025433   | San Judas    | arbol      | 6          | 5,01-10,00 mts  |
| Araucaria         | 4.8167787710537296,-75.6826851144433  | San Judas    | arbol      | 12         | 10,01-15,00 mts |
| Mango             | 4.818369047285874,-75.6866792589426   | San Judas    | arbol      | 5          | 2,01-5,00 mts   |
| Acacia amarilla   | 4.8183049017619615,-75.68633459508419 | San Judas    | arbol      | 8,3        | 5,01-10,00 mts  |
| Aguacate          | 4.81831024722252,-75.68649686872959   | San Judas    | arbol      | 0,11-1,1   | 0,00-2,00 mts   |
| Casco de vaca     | 4.818690442896832,-75.68757008761166  | San Judas    | arbol      | 5,5        | 5,01-10,00 mts  |
| Eucalipto         | 4.8187786430406225,-75.68758064159632 | San Judas    | arbol      | 16         | 15,01-28,00 mts |
| Casco de vaca     | 4.818805036233325,-75.68748280054256  | San Judas    | arbol      | 7          | 5,01-10,00 mts  |
| Yarumo negro      | 4.818451901911978,-75.68718921393156  | San Judas    | arbol      | 8          | 5,01-10,00 mts  |
| Aguacate          | 4.8180N - 75.6863W                    | San Judas    | arbol      | 6,2        | 5,01-15,00 mts  |
| Mango             | 4.8180N - 75.6863W                    | San Judas    | arbol      | 10,5       | 5,01-15,00 mts  |
| Aguacate          | 4.8181N - 75.6863W                    | San Judas    | arbol      | 5,8        | 5,01-15,00 mts  |
| Casco de vaca     | 4.8182N - 75.6879W                    | San Judas    | arbol      | 14,2       | 5,01-15,00 mts  |
| Casco de vaca     | 4.8188N - 75.6879W                    | San Judas    | arbol      | 10,8       | 5,01-15,00 mts  |
| Casco de vaca     | 4.8187N - 75.6875W                    | San Judas    | arbol      | 15,5       | 5,01-15,00 mts  |
| Casco de vaca     | 4.8185N - 75.6877W                    | San Judas    | arbol      | 9,3        | 5,01-15,00 mts  |
| Casco de vaca     | 4.8188N - 75.6874W                    | San Judas    | arbol      | 15,2       | 5,01-15,00 mts  |
| Casco de vaca     | 4.8187N - 75.6875W                    | San Judas    | arbol      | 13,9       | 5,01-15,00 mts  |
| Casco de vaca     | 4.8186N - 75.6879W                    | San Judas    | arbol      | 2          | 0,00-5,00 mts   |
| Casco de vaca     | 4.8185N - 75.6881W                    | San Judas    | arbol      | 1,7        | 0,00-5,00 mts   |
| Casco de vaca     | 4.8188N - 75.6874W                    | San Judas    | arbol      | 10,2       | 5,01-15,00 mts  |
| Higuerón          | 4.8184N - 75.6871W                    | San Judas    | arbol      | 11,4       | 5,01-15,00 mts  |
| Tulipan Africano  | 4.8181N - 75.6871W                    | San Judas    | arbol      | 5,7        | 0,00-5,00 mts   |
| Balso Tambor      | 4.8181N - 75.6872W                    | San Judas    | arbol      | 12,2       | 5,01-15,00 mts  |
| Dracena           | 4.8183N - 75.6879W                    | San Judas    | arbol      | 1,6        | 0,00-5,00 mts   |
| Dracena           | 4.8188N - 75.6875W                    | San Judas    | Arbusto    | 1,6        | 0,00-5,00 mts   |
| Palma areca       | 4.8183N - 75.6875W                    | San Judas    | Palma      | 1,9        | 0,00-5,00 mts   |
| Guayabo Dulce     | 4.8184N - 75.6870W                    | San Judas    | arbol      | 2,2        | 0,00-5,00 mts   |
| Palma cubana      | 4.8185N - 75.6877W                    | San Judas    | Palma      | 15,3       | 5,01-15,00 mts  |
| Acacia amarilla   | 4.8182N - 75.6846W                    | San Judas    | arbol      | 11,2       | 5,01-15,00 mts  |
| Aguacate          | 4.8182N - 75.6846W                    | San Judas    | arbol      | 14,1       | 5,01-15,00 mts  |
| Guayabo dulce     | 4.8183N - 75.6849W                    | San Judas    | arbol      | 10,2       | 5,01-15,00 mts  |
| Guayabo dulce     | 4.8182N - 75.6849W                    | San Judas    | arbol      | 10,6       | 5,01-15,00 mts  |
| Guayabo dulce     | 4.8181N - 75.6844W                    | San Judas    | arbol      | 6,5        | 5,01-15,00 mts  |
| Pino ocarpa       | 4.8182N - 75.6849W                    | San Judas    | arbol      | 10,8       | 5,01-15,00 mts  |
| Palma areca       | 4.839378050671097,-75.67518967552279  | Santa Isabel | Palma      | 2,7        | 2,01-5,00 mts   |
| Palma areca       | 4.839198293690035,-75.67539118230343  | Santa Isabel | Palma      | 2,4        | 2,01-5,00 mts   |
| Araucaria         | 4.8384345058037145,-75.6762468011508  | Santa Isabel | arbol      | 12,3       | 10,01-15,00 mts |
| Palma yuca        | 4.838434605535763,-75.6760332960637   | Santa Isabel | Arbusto    | 5,8        | 5,01-10,00 mts  |
| Guanabano         | 4.839883514892669,-75.67571103572845  | Santa Isabel | arbol      | 4,8        | 2,01-5,00 mts   |
| Casco de vaca     | 4.8398113534670975,-75.67823700606823 | Santa Isabel | arbol      | 7,5        | 5,01-10,00 mts  |
| Tambor            | 4.839590860174588,-75.67831479012966  | Santa Isabel | arbol      | 11,3       | 10,01-15,00 mts |
| Casco de vaca     | 4.839556115770414,-75.678375480937    | Santa Isabel | arbol      | 8,9        | 5,01-10,00 mts  |
| Mango             | 4.839479945339671,-75.6784314662118   | Santa Isabel | arbol      | 7,6        | 5,01-10,00 mts  |
| Casco de vaca     | 4.837479800302871,-75.67778438329697  | Santa Isabel | arbol      | 11,2       | 10,01-15,00 mts |
| Tulipan africano  | 4.837421001899616,-75.67779712378979  | Santa Isabel | arbol      | 4          | 2,01-5,00 mts   |
| Palma areca       | 4.838217118528029,-75.67609425634146  | Santa Isabel | Palma      | 3          | 2,01-5,00 mts   |
| Palma areca       | 4.836906856439442,-75.67842375487089  | Santa Isabel | Palma      | 3,8        | 2,01-5,00 mts   |
| Pino vela         | 4.836781568891731,-75.67842543125163  | Santa Isabel | arbol      | 2,8        | 2,01-5,00 mts   |
| Palma de conozo   | 4.838305984195542,-75.679344087893913 | Santa Isabel | Palma      | 9,9        | 5,01-10,00 mts  |
| Araucaria         | 4.837900409212069,-75.6807703524828   | Santa Isabel | arbol      | 4,1        | 2,01-5,00 mts   |
| Nogal cafetero    | 4.837827579411722,-75.680807903409    | Santa Isabel | arbol      | 9,6        | 5,01-10,00 mts  |
| Pino libro        | 4.835267506726905,-75.67930854859668  | Santa Isabel | arbol      | 5,4        | 5,01-10,00 mts  |
| Palma areca       | 4.83830655258416,-75.67848511040211   | Santa Isabel | Palma      | 6,2        | 5,01-10,00 mts  |
| Araucaria         | 4.838242508719937,-75.6784465536475   | Santa Isabel | arbol      | 13,2       | 10,01-15,00 mts |
| Guayacan rosado   | 4.838301975218308,-75.67853439599276  | Santa Isabel | arbol      | 0,79-7,8   | 0,00-2,00 mts   |
| Mango             | 4.838312665834209,-75.67856188863516  | Santa Isabel | arbol      | 0,79-7,8   | 0,00-2,00 mts   |
| Quebrabarrigo     | 4.838344737540891,-75.67877680063248  | Santa Isabel | arbol      | 5,9        | 5,01-10,00 mts  |
| Quebrabarrigo     | 4.838334715199336,-75.6787721067967   | Santa Isabel | arbol      | 5,1        | 5,01-10,00 mts  |
| Araucaria         | 4.838336051524021,-75.6787945702672   | Santa Isabel | arbol      | 1,11-11,1  | 0,00-2,00 mts   |
| Araucaria         | 4.838162997325304,-75.6787221506238   | Santa Isabel | arbol      | 1,28-12,5  | 0,00-2,00 mts   |
| Palma cubana      | 4.838059432051688,-75.67869901074266  | Santa Isabel | Palma      | 5,7        | 5,01-10,00 mts  |
| Guayacan rosado   | 4.838054109193463,-75.67874930799007  | Santa Isabel | arbol      | 7,4        | 5,01-10,00 mts  |
| Guayacan rosado   | 4.838110880609448,-75.67873153835535  | Santa Isabel | arbol      | 10,4       | 10,01-15,00 mts |
| Benjamin          | 4.838025021650488,-75.6786637417332   | Santa Isabel | arbol      | 1,01-10,1  | 0,00-2,00 mts   |
| Guayacan rosado   | 4.837988806757992,-75.67866548895836  | Santa Isabel | arbol      | 12,8       | 10,01-15,00 mts |
| Leucaena          | 4.837925131252617,-75.67863464355469  | Santa Isabel | arbol      | 9,2        | 5,01-10,00 mts  |



| NOME_COM              | COORDENADA                             | BARRIO       | HAB_CRECIM | H_mts_1   | Ranqueo_alfa    |
|-----------------------|--|--------------|------------|-----------|-----------------|
| Coca                  | 4.8378673351294035,-75.67857999354601  | Santa Isabel | arbol      | 4.1       | 2,01-5,00 mts   |
| Casco de vaca         | 4.837853303659895,-75.6786082729292    | Santa Isabel | arbol      | 9.6       | 5,01-10,00 mts  |
| Limon mandarina       | 4.837834920208428,-75.67858804017305   | Santa Isabel | arbol      | 4.2       | 2,01-5,00 mts   |
| Casco de vaca         | 4.838000633655175,-75.67868158211245   | Santa Isabel | arbol      | 11.9      | 10,01-15,00 mts |
| Guayacan rosado       | 4.837942839823238,-75.6786859408021    | Santa Isabel | arbol      | 14.7      | 10,01-15,00 mts |
| Guayacan rosado       | 4.837791486890275,-75.67863330345018   | Santa Isabel | arbol      | 10.5      | 10,01-15,00 mts |
| Guayacan rosado       | 4.837615103435621,-75.67855876900911   | Santa Isabel | arbol      | 12.1      | 10,01-15,00 mts |
| Guayacan rosado       | 4.83768826734058,-75.67853674292564    | Santa Isabel | arbol      | 8.7       | 5,01-10,00 mts  |
| Leucaena              | 4.837691942239685,-75.67854210734366   | Santa Isabel | arbol      | 11.1      | 10,01-15,00 mts |
| Palma cubana          | 4.837789494100152,-75.67854478955269   | Santa Isabel | arbol      | 12.5      | 10,01-15,00 mts |
| Araucaria             | 4.837767778789574,-75.67849785089493   | Santa Isabel | Palma      | 3.3       | 2,01-5,00 mts   |
| Croto                 | 4.837781143057855,-75.67849919199944   | Santa Isabel | arbol      | 3.1       | 2,01-5,00 mts   |
| Guayacan rosado       | 4.837791164500603,-75.6784338131547    | Santa Isabel | Arbusto    | 2.8       | 2,01-5,00 mts   |
| Casco de vaca         | 4.837887714109824,-75.67840531468391   | Santa Isabel | arbol      | 10.6      | 10,01-15,00 mts |
| Casco de vaca         | 4.837946846657765,-75.67834664136171   | Santa Isabel | arbol      | 1.01-10.1 | 0,00-2,00 mts   |
| Limon                 | 4.837974241249405,-75.67837346345186   | Santa Isabel | arbol      | 8.9       | 5,01-10,00 mts  |
| Palma cubana          | 4.837978202285735,-75.67833457142115   | Santa Isabel | arbol      | 3.4       | 2,01-5,00 mts   |
| Palma areca           | 4.837928137987225,-75.67836441099644   | Santa Isabel | Palma      | 4.8       | 2,01-5,00 mts   |
| Araucaria             | 4.837915776967122,-75.67840799689293   | Santa Isabel | Palma      | 3         | 2,01-5,00 mts   |
| Leucaena              | 4.837961880230144,-75.67842811346054   | Santa Isabel | arbol      | 0.64-6.4  | 0,00-2,00 mts   |
| Guandaty              | 4.837889718599668,-75.67847907543182   | Santa Isabel | arbol      | 17.3      | 15,01-28,00 mts |
| Mango                 | 4.837840942678432,-75.67847706377506   | Santa Isabel | arbol      | 1.13-11.3 | 0,00-2,00 mts   |
| Palma cubana          | 4.83799127941071,-75.67833960056305    | Santa Isabel | arbol      | 6.9       | 5,01-10,00 mts  |
| Aguacate              | 4.838057427562354,-75.67829299718142   | Santa Isabel | Palma      | 6.1       | 5,01-10,00 mts  |
| Guayacan rosado       | 4.838060768377908,-75.67825812846422   | Santa Isabel | arbol      | 6.1       | 5,01-10,00 mts  |
| Guayacan rosado       | 4.8380901675542,-75.67822962999344     | Santa Isabel | arbol      | 17.2      | 15,01-28,00 mts |
| Palma areca           | 4.838137273049895,-75.6782779097557    | Santa Isabel | arbol      | 20.4      | 15,01-28,00 mts |
| Guayacan rosado       | 4.838161326891878,-75.67836843430996   | Santa Isabel | Palma      | 6.7       | 5,01-10,00 mts  |
| Guayacan de marizales | 4.8381172281585165,-75.67833021328115  | Santa Isabel | arbol      | 19.5      | 15,01-28,00 mts |
| Palma areca           | 4.83812624839705,-75.67838285118341    | Santa Isabel | arbol      | 16.5      | 15,01-28,00 mts |
| Palma areca           | 4.838150970392009,-75.6783090304355    | Santa Isabel | Palma      | 5.7       | 5,01-10,00 mts  |
| Guayacan rosado       | 4.838150970392009,-75.67833825945854   | Santa Isabel | Palma      | 0.76-7.6  | 0,00-2,00 mts   |
| Benjamin careado      | 4.838150970392009,-75.67833825945854   | Santa Isabel | arbol      | 18.2      | 15,01-28,00 mts |
| Palma areca           | 4.83573090417701,-75.67917346726082    | Santa Isabel | arbol      | 2.2       | 2,01-5,00 mts   |
| Palma areca           | 4.8352655022293005,-75.679483627079    | Santa Isabel | Palma      | 3.6       | 2,01-5,00 mts   |
| Palma areca           | 4.835292228863659,-75.67951675504446   | Santa Isabel | Palma      | 2.8       | 2,01-5,00 mts   |
| Sauco                 | 4.835381428997843,-75.67967601120472   | Santa Isabel | Arbusto    | 0.52-5.2  | 0,00-2,00 mts   |
| Veranera              | 4.835437889001854,-75.67973267287016   | Santa Isabel | Arbusto    | 4.9       | 2,01-5,00 mts   |
| Araucaria             | 4.83526305320752,-75.67963007837534    | Santa Isabel | arbol      | 10.9      | 10,01-15,00 mts |
| Palma areca           | 4.8353937900642165,-75.67978767686348  | Santa Isabel | Palma      | 7.4       | 5,01-10,00 mts  |
| Palma areca           | 4.8355758652048655,-75.68002335144377  | Santa Isabel | Palma      | 5.6       | 5,01-10,00 mts  |
| Almendra              | 4.835604930406275,-75.68007599562407   | Santa Isabel | arbol      | 7.1       | 5,01-10,00 mts  |
| Palma yuca            | 4.835784332828738,-75.68035861339901   | Santa Isabel | Arbusto    | 0.54-5.4  | 0,00-2,00 mts   |
| Guandabano            | 4.835751926808085,-75.68032845854759   | Santa Isabel | arbol      | 5.8       | 5,01-10,00 mts  |
| Croto                 | 4.835788341820881,-75.68040691316128   | Santa Isabel | Arbusto    | 2.3       | 2,01-5,00 mts   |
| Guayaba peruana       | 4.835812061690544,-75.68045988678932   | Santa Isabel | arbol      | 4.6       | 2,01-5,00 mts   |
| Croto                 | 4.835786671407494,-75.6804196536541    | Santa Isabel | Arbusto    | 3.2       | 2,01-5,00 mts   |
| Palma areca           | 4.83584580438918,-75.68045988678932    | Santa Isabel | Palma      | 6.1       | 5,01-10,00 mts  |
| Palma areca           | 4.835912620565375,-75.68058052091885   | Santa Isabel | Palma      | 6.9       | 5,01-10,00 mts  |
| Palma yuca            | 4.835946028826148,-75.68058729171753   | Santa Isabel | Arbusto    | 4.1       | 2,01-5,00 mts   |
| Palma yuca            | 4.835936338182883,-75.68059667944808   | Santa Isabel | Arbusto    | 2.9       | 2,01-5,00 mts   |
| Palma areca           | 4.835909613821824,-75.6804947555065    | Santa Isabel | Palma      | 5.2       | 5,01-10,00 mts  |
| Palma areca           | 4.835717850372325,-75.68012125790119   | Santa Isabel | Palma      | 5.1       | 5,01-10,00 mts  |
| Palma areca           | 4.835705489311882,-75.68009108304976   | Santa Isabel | Palma      | 5         | 2,01-5,00 mts   |
| Palma robelini        | 4.835503035154475,-75.68062014877796   | Santa Isabel | Palma      | 4.1       | 2,01-5,00 mts   |
| Cipres                | 4.8346010109455015,-75.68033616889851  | Santa Isabel | arbol      | 2.8       | 2,01-5,00 mts   |
| Palma areca           | 4.836415748797965,-75.68018864840269   | Santa Isabel | Palma      | 5.35      | 5,01-10,00 mts  |
| Palma areca           | 4.836432118833785,-75.68026877939703   | Santa Isabel | Palma      | 6         | 5,01-10,00 mts  |
| Palma areca           | 4.836397708349876,-75.68027548491965   | Santa Isabel | Palma      | 2.8       | 2,01-5,00 mts   |
| Palma areca           | 4.836396706102734,-75.68031404167414   | Santa Isabel | Palma      | 4.5       | 2,01-5,00 mts   |
| Palma areca           | 4.836360899287455,-75.68050862544708   | Santa Isabel | Palma      | 5.4       | 5,01-10,00 mts  |
| Palma quency          | 4.836356282133912,-75.6805782392621    | Santa Isabel | Palma      | 6.9       | 5,01-10,00 mts  |
| Palma areca           | 4.836316526327506,-75.68064093589784   | Santa Isabel | Palma      | 4.5       | 2,01-5,00 mts   |
| Palma quency          | 4.836296124826913,-75.680734813213335  | Santa Isabel | Palma      | 5.8       | 5,01-10,00 mts  |
| Mango                 | 4.837347837962178,-75.6810072798061    | Santa Isabel | arbol      | 4.6       | 2,01-5,00 mts   |
| Limon tahit           | 4.837320443245171,-75.68100169301034   | Santa Isabel | arbol      | 3         | 2,01-5,00 mts   |
| Aguacate              | 4.837308418541683,-75.68098382337559   | Santa Isabel | arbol      | 3.6       | 2,01-5,00 mts   |
| Guayabo dulce         | 4.837285364642535,-75.68104427307844   | Santa Isabel | arbol      | 4.7       | 2,01-5,00 mts   |
| Pino frances careado  | 4.836993711047345,-75.6809151917696    | Santa Isabel | arbol      | 3.6       | 2,01-5,00 mts   |
| Resutado              | 4.838097851429614,-75.67841805517573   | Santa Isabel | Arbusto    | 4.4       | 2,01-5,00 mts   |
| Carbonero rojo        | 4.838061436641037,-75.6783357724963    | Santa Isabel | arbol      | 5.1       | 5,01-10,00 mts  |
| Palma areca           | 4.838169344874888,-75.67849114537239   | Santa Isabel | Palma      | 7.3       | 5,01-10,00 mts  |
| Benjamin              | 4.838149634068955,-75.67852199077606   | Santa Isabel | arbol      | 19.3      | 15,01-28,00 mts |
| Benjamin              | 4.838210770979902,-75.6785268464184    | Santa Isabel | arbol      | 16.9      | 15,01-28,00 mts |
| Guayacan de marizales | 4.8383873377208354,-75.67867165261507  | Santa Isabel | arbol      | 7.2       | 5,01-10,00 mts  |
| Aguacate              | 4.8383873377208354,-75.67867165261507  | Santa Isabel | arbol      | 4.9       | 2,01-5,00 mts   |
| Benjamin careado      | 4.8383873377208354,-75.67867165261507  | Santa Isabel | arbol      | 4.4       | 2,01-5,00 mts   |
| Guayacan amarillo     | 4.8383873377208354,-75.67867165261507  | Santa Isabel | arbol      | 3.1       | 2,01-5,00 mts   |
| Guandabano            | 4.8383873377208354,-75.67867165261507  | Santa Isabel | arbol      | 9.8       | 5,01-10,00 mts  |
| Croto                 | 4.833741080081266,-75.68025067448616   | Santa Isabel | Arbusto    | 3         | 2,01-5,00 mts   |
| Guayacan amarillo     | 4.833732058621657,-75.68029498962456   | Santa Isabel | arbol      | 2.9       | 2,01-5,00 mts   |
| Aguacate              | 4.833714333857505,-75.68036735057831   | Santa Isabel | arbol      | 5.1       | 5,01-10,00 mts  |
| Aguacate              | 4.833552658685876,-75.680384377795468  | Santa Isabel | arbol      | 3.5       | 5,01-10,00 mts  |
| Aguacate              | 4.8335777131387045,-75.680373249628045 | Santa Isabel | arbol      | 3.8       | 2,01-5,00 mts   |
| Limon mandarina       | 4.833558997693447,-75.68037498906477   | Santa Isabel | arbol      | 4.9       | 2,01-5,00 mts   |
| Guayabo dulce         | 4.833574372301014,-75.6803638223639    | Santa Isabel | arbol      | 4.9       | 2,01-5,00 mts   |
| Palma areca           | 4.833549541096267,-75.68077437579632   | Santa Isabel | Palma      | 6.7       | 5,01-10,00 mts  |
| Guayacan amarillo     | 4.833547645598961,-75.68052592060566   | Santa Isabel | arbol      | 2.4       | 2,01-5,00 mts   |
| Palma areca           | 4.833507555843903,-75.68093128902369   | Santa Isabel | Palma      | 3.6       | 2,01-5,00 mts   |
| Guayacan amarillo     | 4.833501207951643,-75.68099364638329   | Santa Isabel | arbol      | 2.3       | 2,01-5,00 mts   |
| Guayacan amarillo     | 4.833513903136112,-75.68103354424238   | Santa Isabel | arbol      | 2.2       | 2,01-5,00 mts   |
| Casco de vaca         | 4.834118260458743,-75.68137485533963   | Santa Isabel | arbol      | 8.8       | 5,01-10,00 mts  |
| Limon mandarina       | 4.8372025123167095,-75.681994645727873 | Santa Isabel | arbol      | 3.4       | 2,01-5,00 mts   |
| Mango                 | 4.837293716690951,-75.68200215897289   | Santa Isabel | arbol      | 2.8       | 2,01-5,00 mts   |
| Aguacate              | 4.837357526337423,-75.68202663213015   | Santa Isabel | arbol      | 4.7       | 2,01-5,00 mts   |
| Guayabo dulce         | 4.837406636375382,-75.68206552416086   | Santa Isabel | arbol      | 4.2       | 2,01-5,00 mts   |
| Aguacate              | 4.837432026597684,-75.68206852998504   | Santa Isabel | arbol      | 5         | 5,01-10,00 mts  |
| Matico                | 4.837331803030408,-75.68273775279522   | Santa Isabel | Arbusto    | 2.5       | 2,01-5,00 mts   |
| Acacia amarilla       | 4.835182318573362,-75.6838082894683    | Santa Isabel | arbol      | 8.1       | 5,01-10,00 mts  |
| Acacia amarilla       | 4.835182983739302,-75.6837422400713    | Santa Isabel | arbol      | 8.3       | 5,01-10,00 mts  |
| Acacia amarilla       | 4.835217728367897,-75.68364433944225   | Santa Isabel | arbol      | 9.2       | 5,01-10,00 mts  |
| Acacia amarilla       | 4.835271849805034,-75.68361785262823   | Santa Isabel | arbol      | 8.1       | 5,01-10,00 mts  |
| Acacia amarilla       | 4.835248798082342,-75.68359740078449   | Santa Isabel | arbol      | 8.2       | 5,01-10,00 mts  |
| Acacia amarilla       | 4.835280201878271,-75.68352229893208   | Santa Isabel | arbol      | 7.6       | 5,01-10,00 mts  |
| Acacia amarilla       | 4.835295903775707,-75.6835437596042    | Santa Isabel | arbol      | 7.5       | 5,01-10,00 mts  |
| Acacia amarilla       | 4.835291560697731,-75.68350419402122   | Santa Isabel | arbol      | 8.4       | 5,01-10,00 mts  |
| Acacia amarilla       | 4.835284879039255,-75.683478042348333  | Santa Isabel | arbol      | 7.2       | 5,01-10,00 mts  |
| Acacia amarilla       | 4.835291854780649,-75.6834688900279    | Santa Isabel | arbol      | 8.2       | 5,01-10,00 mts  |
| Eugenia               | 4.83528922211727,-75.68342138081789    | Santa Isabel | arbol      | 4.8       | 2,01-5,00 mts   |
| Eugenia               | 4.835295903775707,-75.68338215361105   | Santa Isabel | arbol      | 4.6       | 2,01-5,00 mts   |
| Guayacan rosado       | 4.835206035464245,-75.68318467587233   | Santa Isabel | arbol      | 2.7       | 2,01-5,00 mts   |
| Guayacan rosado       | 4.835181981490379,-75.68314980715513   | Santa Isabel | arbol      | 2.6       | 2,01-5,00 mts   |
| Guayacan amarillo     | 4.835179308826567,-75.68309012800454   | Santa Isabel | arbol      | 4.3       | 2,01-5,00 mts   |



| NOM_COM              | COORDENADA                            | BARRIO       | HAB_CRECH | H_mts_1     | Rango_mts        |
|----------------------|---------------------------------------|--------------|-----------|-------------|------------------|
| Guayacan amarillo    | 4.835081422507053,-75.68309965101223  | Santa Isabel | arbol     | 5,4         | 5,01-10,00 mts   |
| Palma areca          | 4.835121946551993,-75.68294956259532  | Santa Isabel | Palma     | 0,45-4,3    | 0,00-2,00 mts    |
| Casco de vaca        | 4.834912042391758,-75.68274009972811  | Santa Isabel | arbol     | 5,4         | 5,01-10,00 mts   |
| Casco de vaca        | 4.834871284251201,-75.68265561014414  | Santa Isabel | arbol     | 2,5         | 2,01-5,00 mts    |
| Palma zancana        | 4.834871284251201,-75.68265561014414  | Santa Isabel | Palma     | 11,1        | 10,01-15,00 mts  |
| Palma zancana        | 4.834854248011375,-75.68241722881794  | Santa Isabel | Palma     | 12,9        | 10,01-15,00 mts  |
| Palma zancana        | 4.834773397887171,-75.68222008645535  | Santa Isabel | Palma     | 13,5        | 10,01-15,00 mts  |
| Palma zancana        | 4.834773397887171,-75.68224422633648  | Santa Isabel | Palma     | 12,2        | 10,01-15,00 mts  |
| Palma zancana        | 4.834758030060823,-75.68215001374483  | Santa Isabel | Palma     | 11,8        | 10,01-15,00 mts  |
| Palma zancana        | 4.834709587997222,-75.68207994103432  | Santa Isabel | Palma     | 12,7        | 10,01-15,00 mts  |
| Casco de vaca        | 4.834658807347497,-75.68216510117054  | Santa Isabel | arbol     | 5,8         | 5,01-10,00 mts   |
| Palma zancana        | 4.834668161677991,-75.68192940205336  | Santa Isabel | Palma     | 9,7         | 5,01-10,00 mts   |
| ebano ornamental     | 4.8345739520020681,-75.68147845566273 | Santa Isabel | arbol     | 3,4         | 2,01-5,00 mts    |
| ebano ornamental     | 4.83439924624705,-75.68129941821097   | Santa Isabel | arbol     | 3,2         | 2,01-5,00 mts    |
| Benjamin careado     | 4.834539203539072,-75.68147141486406  | Santa Isabel | arbol     | 3,5         | 2,01-5,00 mts    |
| Palma manila         | 4.8345311875399775,-75.68165749311447 | Santa Isabel | Palma     | 3,1         | 2,01-5,00 mts    |
| Benjamin             | 4.8380-75.6801                        | Santa Isabel | arbol     | 22          | 15,01-28,00 mts  |
| Leucaena             | 4.8373, -75.6778                      | Santa Isabel | arbol     | 4,1         | 0,00-5,00 mts    |
| Tulipan Africano     | 4.8373, -75.6779                      | Santa Isabel | arbol     | 7,4         | 5,01-15,00 mts   |
| Palma Areca          | 4.837575N - 75.677717W                | Santa Isabel | Palma     | 4,4         | 2,01-5,00 mts    |
| Palma Querey         | 4.8377, -75.6777                      | Santa Isabel | Palma     | 9,8         | 5,01-10,00 mts   |
| Palma Areca          | 4.8377, -75.6777                      | Santa Isabel | Palma     | 5,7         | 5,01-10,00 mts   |
| Tulipan              | 4.8376, -75.6776                      | Santa Isabel | arbol     | 9,1 - 10,40 | 5,01-15,00 mts   |
| Tulipan Africano     | 4.8373, -75.6781                      | Santa Isabel | arbol     | 8,2         | 5,01-15,00 mts   |
| Tulipan Africano     | 4.8373, -75.6782                      | Santa Isabel | arbol     | 7,6         | 5,01-15,00 mts   |
| Tulipan Africano     | 4.8374, -75.6778                      | Santa Isabel | arbol     | 4,5         | 0,00-5,00 mts    |
| Tulipan Africano     | 4.8373, -75.6777                      | Santa Isabel | arbol     | 6,8         | 5,01-15,00 mts   |
| Tulipan Africano     | 4.8373, -75.6778                      | Santa Isabel | arbol     | 9,1         | 5,01-15,00 mts   |
| Tulipan Africano     | 4.8375, -75.6777                      | Santa Isabel | arbol     | 10,3        | 5,01-15,00 mts   |
| Tulipan Africano     | 4.8375, -75.6778                      | Santa Isabel | arbol     | 2,2         | 0,00-5,00 mts    |
| Tulipan Africano     | 4.8373, -75.6778                      | Santa Isabel | arbol     | 8,1         | 5,01-15,00 mts   |
| Tulipan Africano     | 4.8373, -75.6778                      | Santa Isabel | arbol     | 8,3         | 5,01-15,00 mts   |
| Tulipan Africano     | 4.8376, -75.6777                      | Santa Isabel | arbol     | 7,8         | 5,01-15,00 mts   |
| Tulipan Africano     | 4.8377, -75.6777                      | Santa Isabel | arbol     | 10,2        | 5,01-15,00 mts   |
| Palma manila         | 4.83450093-75.6814804                 | Santa Isabel | Palma     | 3           | 0,00-5,00 mts    |
| Palma areca          | 4.83479579-75.68518428                | Santa Isabel | Palma     | 3           | 0,00-5,00 mts    |
| Palma manila         | 4.8392-75.6773                        | Santa Isabel | Palma     | 1,9         | 0,00-5,00 mts    |
| Palma manila         | 4.8395-75.6777                        | Santa Isabel | Palma     | 1,8         | 0,00-5,00 mts    |
| Palma manila         | 4.8397-75.6775                        | Santa Isabel | Palma     | 1,9         | 0,00-5,00 mts    |
| Palma areca          | 4.8357-75.6801                        | Santa Isabel | Palma     | 3,1         | 0,00-5,00 mts    |
| Palma areca          | 4.8357-75.6800                        | Santa Isabel | Palma     | 2,2         | 0,00-5,00 mts    |
| Palma areca          | 4.8357-75.6801                        | Santa Isabel | Palma     | 2,2         | 0,00-5,00 mts    |
| Palma areca          | 4.8357-75.6801                        | Santa Isabel | Palma     | 2,3         | 0,00-5,00 mts    |
| Palma areca          | 4.8311-75.6824                        | Santa Isabel | Palma     | 4           | 0,00-5,00 mts    |
| Palma manila         | 4.83450093-75.6814804                 | Santa Isabel | Palma     | 3           | 0,00-5,00 mts    |
| Palma areca          | 4.83734055-75.67852132                | Santa Isabel | Palma     | 4           | 0,00-5,00 mts    |
| Guayacan             | 4.83524876-75.68330427                | Santa Isabel | arbol     | 6           | 5,01-15,00 mts   |
| Guayacan             | 4.83527765-75.68331779                | Santa Isabel | arbol     | 3           | 0,00-5,00 mts    |
| Guayacan             | 4.83514049-75.68308352                | Santa Isabel | arbol     | 7           | 5,01-15,00 mts   |
| Casco de vaca        | 4.83413309-75.68149664                | Santa Isabel | arbol     | 6           | 5,01-15,00 mts   |
| Liberal              | 4.83455217-75.68140525                | Santa Isabel | arbol     | 4           | 0,00-5,00 mts    |
| Pomarroso            | 4.83457307-75.68139856                | Santa Isabel | arbol     | 6           | 5,01-15,00 mts   |
| Liberal              | 4.83457489-75.681402                  | Santa Isabel | arbol     | 3           | 0,00-5,00 mts    |
| Liberal              | 4.83457982-75.68140049                | Santa Isabel | arbol     | 3           | 0,00-5,00 mts    |
| Acacia MAGNUM        | 4.8337417-75.68109903                 | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Liberal              | 4.83365888-75.68090514                | Santa Isabel | arbol     | 6           | 5,01-15,00 mts   |
| Limon                | 4.83775005-75.67837036                | Santa Isabel | arbol     | 3           | 0,00-5,00 mts    |
| Guayacan rosado      | 4.8382-75.6783                        | Santa Isabel | arbol     | 13,8        | 5,01-15,00 mts   |
| Borjo                | 4.83494797-75.6841508                 | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Chocho               | 4.83481695-75.68522225                | Santa Isabel | arbol     | 6           | 5,01-15,00 mts   |
| Cacao                | 4.83477824-75.68519227                | Santa Isabel | arbol     | 3           | 0,00-5,00 mts    |
| Aguacate             | 4.83492198-75.68394969                | Santa Isabel | arbol     | 8           | 5,01-15,00 mts   |
| Quebrabarrigo        | 4.83514807-75.68568097                | Santa Isabel | arbol     | 5           | 0,00-5,00 mts    |
| Aguacate             | 4.83515189-75.68570332                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Zapote               | 4.83525896-75.68581347                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Aguacate             | 4.8349865-75.68571621                 | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Aguacate             | 4.83498509-75.68571244                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Quebrabarrigo        | 4.83497062-75.6857798                 | Santa Isabel | arbol     | 6           | 5,01-15,00 mts   |
| Benjamin             | 4.83495985-75.68579516                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Mango                | 4.83486362-75.6856912                 | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Mango                | 4.83486444-75.68562411                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Mango                | 4.83485481-75.68555962                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Mango                | 4.83482046-75.68542996                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Cedro Rojo           | 4.83111178-75.6802629                 | Santa Isabel | arbol     | 20          | 15,01- 20,00 mts |
| Arroyan de manizales | 4.83485463-75.68526076                | Santa Isabel | arbol     | 15          | 5,01-15,00 mts   |
| Arroyan de manizales | 4.83483882-75.68523226                | Santa Isabel | arbol     | 15          | 5,01-15,00 mts   |
| Arroyan de manizales | 4.83485374-75.68534452                | Santa Isabel | arbol     | 15          | 5,01-15,00 mts   |
| Fucalpto             | 4.83473929-75.68482844                | Santa Isabel | arbol     | 15          | 5,01-15,00 mts   |
| Borjo                | 4.83501262-75.68397007                | Santa Isabel | arbol     | 15          | 5,01-15,00 mts   |
| Saman                | 4.83472496-75.68902043                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Acacia amarilla      | 4.83495594-75.68399346                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Acacia amarilla      | 4.83502845-75.68406508                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Borjo                | 4.83479688-75.68523204                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Borjo                | 4.8350026-75.68393976                 | Santa Isabel | arbol     | 15          | 5,01-15,00 mts   |
| Borjo                | 4.83457932-75.68390106                | Santa Isabel | arbol     | 15          | 5,01-15,00 mts   |
| Borjo                | 4.83454673-75.68399097                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Borjo                | 4.83481173-75.6850175                 | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Borjo                | 4.8345323-75.68396487                 | Santa Isabel | arbol     | 15          | 5,01-15,00 mts   |
| Borjo                | 4.8348927-75.6889946                  | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Fucalpto             | 4.8348907-75.68408997                 | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Fucalpto             | 4.83494219-75.6844757                 | Santa Isabel | arbol     | 5           | 0,00-5,00 mts    |
| Naranjo              | 4.83490585-75.68409419                | Santa Isabel | arbol     | 5           | 0,00-5,00 mts    |
| Casco de vaca        | 4.83490567-75.68409113                | Santa Isabel | arbol     | 7           | 5,01-15,00 mts   |
| Guanabano            | 4.83491792-75.68404821                | Santa Isabel | arbol     | 5           | 0,00-5,00 mts    |
| Casco de vaca        | 4.83489719-75.68405713                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Araucaria            | 4.83497049-75.68398026                | Santa Isabel | arbol     | 3           | 0,00-5,00 mts    |
| Casco de vaca        | 4.83490353-75.6841011                 | Santa Isabel | arbol     | 12          | 5,01-15,00 mts   |
| Borjo                | 4.83488674-75.68412786                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Benjamin             | 4.83493601-75.68415077                | Santa Isabel | arbol     | 8           | 5,01-15,00 mts   |
| Guilanday            | 4.83485476-75.6853183                 | Santa Isabel | arbol     | 16          | 15,01-20,00 mts  |
| Guamo santafereño    | 4.83487203-75.68429603                | Santa Isabel | arbol     | 11          | 5,01-15,00 mts   |
| Urucan               | 4.83542457-75.68499916                | Santa Isabel | arbol     | 11          | 5,01-15,00 mts   |
| Borjo                | 4.8292751-75.6834443                  | Santa Isabel | arbol     | 16          | 15,01-20,00 mts  |
| Guamo santafereño    | 4.83484753-75.68423097                | Santa Isabel | arbol     | 3           | 0,00-5,00 mts    |
| Aguacate             | 4.83485139-75.68439635                | Santa Isabel | arbol     | 6           | 5,01-15,00 mts   |
| Guamo santafereño    | 4.83485041-75.68435496                | Santa Isabel | arbol     | 6           | 5,01-15,00 mts   |
| Casco de vaca        | 4.83676001-75.67871127                | Santa Isabel | arbol     | 3           | 0,00-5,00 mts    |
| Guayaca rosado       | 4.83672217-75.67872231                | Santa Isabel | arbol     | 3           | 0,00-5,00 mts    |
| Guayaca rosado       | 4.83668248-75.67871789                | Santa Isabel | arbol     | 4           | 0,00-5,00 mts    |
| Arroyan de manizales | 4.83668753-75.67871627                | Santa Isabel | arbol     | 3           | 0,00-5,00 mts    |
| Casco de vaca        | 4.83670236-75.67869449                | Santa Isabel | arbol     | 10          | 5,01-15,00 mts   |
| Pizamo               | 4.83865127-756787641                  | Santa Isabel | arbol     | 3           | 0,00-5,00 mts    |
| Pizamo               | 4.83860353-75.67861608                | Santa Isabel | arbol     | 3           | 0,00-5,00 mts    |

| NOM_COM              | COORDENADA             | BARRIO       | HAB_CRECIM | H_mts_1    | Rango_sftu      |
|----------------------|------------------------|--------------|------------|------------|-----------------|
| Guilanday            | 4.83855989-75.67880088 | Santa Isabel | arbol      | 10         | 5.01-15.00 mts  |
| Guilanday            | 4.83852224-75.67890116 | Santa Isabel | arbol      | 10         | 5.01-15.00 mts  |
| Casco de vaca        | 4.8386075-75.67896682  | Santa Isabel | arbol      | 10         | 5.01-15.00 mts  |
| Mango                | 4.83395666-75.67978633 | Santa Isabel | arbol      | 6          | 5.01-15.00 mts  |
| Guayacan rosado      | 4.83394917-75.6798021  | Santa Isabel | arbol      | 6          | 5.01-15.00 mts  |
| Limon                | 4.83394649-75.67780394 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.83284804-75.6808197  | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.83281146-75.68084557 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.8327463-75.6807268   | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.83270235-75.68075892 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.83266627-75.68074407 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.8324252-75.68066479  | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.83236635-75.68065078 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.83230933-75.68063851 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.83226164-75.68062397 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.83217203-75.68056872 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Leucaena             | 4.8389-75.6785         | Santa Isabel | arbol      | 15,5       | 15.01-20.00 mts |
| Pomaroso             | 4.8395-75.6776         | Santa Isabel | arbol      | 4,2        | 0.00-5.00 mts   |
| Pomaroso             | 4.8394-75.6777         | Santa Isabel | arbol      | 3,7        | 0.00-5.00 mts   |
| Guayaca rosado       | 4.8394-75.6775         | Santa Isabel | arbol      | 4,1        | 0.00-5.00 mts   |
| Guayaca rosado       | 4.8393-75.6774         | Santa Isabel | arbol      | 4,3        | 0.00-5.00 mts   |
| Guayaca rosado       | 4.8394-75.6776         | Santa Isabel | arbol      | 3,9        | 0.00-5.00 mts   |
| Tulipan africano     | 4.8393-75.6774         | Santa Isabel | arbol      | 2,5        | 0.00-5.00 mts   |
| Guayacan rosado      | 4.8387-75.6765         | Santa Isabel | arbol      | 3,3        | 0.00-5.00 mts   |
| Tulipan africano     | 4.8387-75.6765         | Santa Isabel | arbol      | 2,9        | 0.00-5.00 mts   |
| Guayacan rosado      | 4.8386N - 75.6765W     | Santa Isabel | arbol      | 2,5 - 5,80 | 5.01-15.00 mts  |
| Aguacate             | 4.8393-75.6762         | Santa Isabel | arbol      | 6,1        | 5.01-15.00 mts  |
| Ebano ornamental     | 4.8386-75.6764         | Santa Isabel | arbol      | 1,5        | 0.00-5.00 mts   |
| Guayacan rosado      | 4.8386-75.6764         | Santa Isabel | arbol      | 2,2        | 0.00-5.00 mts   |
| Ebano ornamental     | 4.8384-75.6762         | Santa Isabel | arbol      | 1,4        | 0.00-5.00 mts   |
| Ebano ornamental     | 4.8384-75.6762         | Santa Isabel | arbol      | 1,2        | 0.00-5.00 mts   |
| Guayacan rosado      | 4.8384-75.6762         | Santa Isabel | arbol      | 2,5        | 0.00-5.00 mts   |
| Veranera             | 4.8369-75.6785         | Santa Isabel | arbol      | 2,1        | 0.00-5.00 mts   |
| Palma quency         | 4.8361-75.6804         | Santa Isabel | Palma      | 9,2        | 5.01-15.00 mts  |
| Palma quency         | 4.8361-75.6803         | Santa Isabel | Palma      | 10,4       | 5.01-15.00 mts  |
| Ebano ornamental     | 4.8356-75.6826         | Santa Isabel | arbol      | 1,5        | 0.00-5.00 mts   |
| Ebano ornamental     | 4.8356-75.6826         | Santa Isabel | arbol      | 1,1        | 0.00-5.00 mts   |
| Ebano ornamental     | 4.8356-75.6826         | Santa Isabel | arbol      | 1,3        | 0.00-5.00 mts   |
| Ebano ornamental     | 4.8361-75.6828         | Santa Isabel | arbol      | 1,5        | 0.00-5.00 mts   |
| Guayaba anaza        | 4.8362-75.6811         | Santa Isabel | arbol      | 2,6        | 0.00-5.00 mts   |
| Casco de vaca        | 4.8395-75.6777         | Santa Isabel | arbol      | 2,6        | 0.00-5.00 mts   |
| Pomaroso             | 4.8394-75.6777         | Santa Isabel | arbol      | 4,2        | 0.00-5.00 mts   |
| Casco de vaca        | 4.83876001-75.6787127  | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayaca rosado       | 4.83872217-75.67872231 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayaca rosado       | 4.83868248-75.67871789 | Santa Isabel | arbol      | 4          | 0.00-5.00 mts   |
| Arroyan de manizales | 4.83868753-75.67871627 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Casco de vaca        | 4.83870236-75.67869448 | Santa Isabel | arbol      | 10         | 5.01-15.00 mts  |
| Pizamo               | 4.83865127-75.67878764 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Pizamo               | 4.83860353-75.67881608 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guilanday            | 4.83855989-75.67880088 | Santa Isabel | arbol      | 10         | 5.01-15.00 mts  |
| Guilanday            | 4.83852224-75.67890116 | Santa Isabel | arbol      | 10         | 5.01-15.00 mts  |
| Casco de vaca        | 4.8386075-75.67896682  | Santa Isabel | arbol      | 10         | 5.01-15.00 mts  |
| Mango                | 4.83395666-75.67978633 | Santa Isabel | arbol      | 6          | 5.01-15.00 mts  |
| Guayacan rosado      | 4.83394917-75.6798021  | Santa Isabel | arbol      | 6          | 5.01-15.00 mts  |
| Limon                | 4.83394649-75.67780394 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.83284804-75.6808197  | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.83281146-75.68084557 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.8327463-75.6807268   | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.83270235-75.68075892 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.83266627-75.68074407 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.8324252-75.68066479  | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.83236635-75.68065078 | Santa Isabel | arbol      | 3          | 0.00-5.00 mts   |
| Guayacan rosado      | 4.8394N - 75.6775W     | Santa Isabel | arbol      | 4,1        | 0.00-5.00 mts   |
| Guayacan rosado      | 4.8393N - 75.6774W     | Santa Isabel | arbol      | 4,3        | 0.00-5.00 mts   |
| Guayacan rosado      | 4.8394N - 75.6776W     | Santa Isabel | arbol      | 3,9        | 0.00-5.00 mts   |
| Mango                | 4.8371N - 75.6766W     | Santa Isabel | arbol      | 2,8        | 0.00-5.00 mts   |
| Arbol pulpo          | 4.8371N - 75.6761W     | Santa Isabel | arbol      | 2,8        | 0.00-5.00 mts   |
| Palma areca          | 4.8357-75.6800         | Santa Isabel | Palma      | 3,3        | 0.00-5.00 mts   |
| Palma areca          | 4.8357-75.6801         | Santa Isabel | Palma      | 1,9        | 0.00-5.00 mts   |
| Palma areca          | 4.8352N - 75.6795W     | Santa Isabel | Palma      | 4,1        | 0.00-5.00 mts   |
| Palma areca          | 4.8351N - 75.6794W     | Santa Isabel | Palma      | 4,3        | 0.00-5.00 mts   |
| Palma areca          | 4.8336N - 75.6807W     | Santa Isabel | Palma      | 2,5        | 0.00-5.00 mts   |
| Palma areca          | 4.8341N - 75.6813W     | Santa Isabel | Palma      | 2,4        | 0.00-5.00 mts   |
| Palma manila         | 4.8344N - 75.6814W     | Santa Isabel | Palma      | 3          | 0.00-5.00 mts   |
| Palma areca          | 4.8345N - 75.6816W     | Santa Isabel | Palma      | 2,6        | 0.00-5.00 mts   |
| Palma areca          | 4.8346N - 75.6825W     | Santa Isabel | Palma      | 2,9        | 0.00-5.00 mts   |
| Palma areca          | 4.8350N - 75.6828W     | Santa Isabel | Palma      | 5,2        | 5.01-15.00 mts  |
| Palma areca          | 4.8350N - 75.6828W     | Santa Isabel | Palma      | 6          | 5.01-15.00 mts  |
| Palma areca          | 4.8351N - 75.6828W     | Santa Isabel | Palma      | 4,8        | 0.00-5.00 mts   |
| Palma areca          | 4.8351N - 75.6828W     | Santa Isabel | Palma      | 4,9        | 0.00-5.00 mts   |
| Palma areca          | 4.8351N - 75.6829W     | Santa Isabel | Palma      | 5,3        | 5.01-15.00 mts  |
| Palma areca          | 4.8350N - 75.6829W     | Santa Isabel | Palma      | 5,5        | 5.01-15.00 mts  |
| Palma areca          | 4.8351N - 75.6829W     | Santa Isabel | Palma      | 3,6        | 0.00-5.00 mts   |
| Palma areca          | 4.8349N - 75.6829W     | Santa Isabel | Palma      | 4,5        | 0.00-5.00 mts   |
| Palma areca          | 4.8351N - 75.6829W     | Santa Isabel | Palma      | 5,1        | 5.01-15.00 mts  |
| Palma areca          | 4.8349N - 75.6830W     | Santa Isabel | Palma      | 5,4        | 5.01-15.00 mts  |
| Palma areca          | 4.8349N - 75.6830W     | Santa Isabel | Palma      | 3,9        | 0.00-5.00 mts   |
| Palma areca          | 4.8349N - 75.6829W     | Santa Isabel | Palma      | 4,2        | 0.00-5.00 mts   |
| Palma areca          | 4.8349N - 75.6829W     | Santa Isabel | Palma      | 4,4        | 0.00-5.00 mts   |
| Palma areca          | 4.8350N - 75.6829W     | Santa Isabel | Palma      | 4,7        | 0.00-5.00 mts   |
| Palma areca          | 4.8349N - 75.6831W     | Santa Isabel | Palma      | 4,7        | 0.00-5.00 mts   |
| Palma areca          | 4.8349N - 75.6831W     | Santa Isabel | Palma      | 5          | 0.00-5.00 mts   |
| Palma areca          | 4.8349N - 75.6830W     | Santa Isabel | Palma      | 4,8        | 0.00-5.00 mts   |
| Palma areca          | 4.8349N - 75.6830W     | Santa Isabel | Palma      | 5,4        | 5.01-15.00 mts  |
| Palma areca          | 4.8349N - 75.6832W     | Santa Isabel | Palma      | 5,5        | 5.01-15.00 mts  |
| Palma areca          | 4.8349N - 75.6832W     | Santa Isabel | Palma      | 5          | 0.00-5.00 mts   |
| Palma areca          | 4.8349N - 75.6832W     | Santa Isabel | Palma      | 4,9        | 0.00-5.00 mts   |
| Palma areca          | 4.8349N - 75.6833W     | Santa Isabel | Palma      | 4,7        | 0.00-5.00 mts   |
| Palma areca          | 4.8349N - 75.6832W     | Santa Isabel | Palma      | 4,4        | 0.00-5.00 mts   |
| Palma areca          | 4.8349N - 75.6832W     | Santa Isabel | Palma      | 4,1        | 0.00-5.00 mts   |
| Palma areca          | 4.8349N - 75.6836W     | Santa Isabel | Palma      | 4,8        | 0.00-5.00 mts   |
| Palma areca          | 4.8349N - 75.6836W     | Santa Isabel | Palma      | 5,2        | 5.01-15.00 mts  |
| Palma areca          | 4.8347N - 75.6834W     | Santa Isabel | Palma      | 4,6        | 0.00-5.00 mts   |
| Palma areca          | 4.8350N - 75.6831W     | Santa Isabel | Palma      | 4,9        | 0.00-5.00 mts   |
| Palma areca          | 4.8350N - 75.6828W     | Santa Isabel | Palma      | 5,1        | 5.01-15.00 mts  |
| Palma areca          | 4.8349N - 75.6829W     | Santa Isabel | Palma      | 3,9        | 0.00-5.00 mts   |
| Francesina           | 4.8336N - 75.6799W     | Santa Isabel | Arbusto    | 2,2        | 0.00-5.00 mts   |
| Francesina           | 4.8337N - 75.6797W     | Santa Isabel | Arbusto    | 2,1        | 0.00-5.00 mts   |
| Francesina           | 4.8337N - 75.6797W     | Santa Isabel | Arbusto    | 2,3        | 0.00-5.00 mts   |
| Limon mandarino      | 4.8340N - 75.6754W     | Santa Isabel | arbol      | 2,4        | 0.00-5.00 mts   |
| Francesina           | 4.8340N - 75.6754W     | Santa Isabel | Arbusto    | 2,2        | 0.00-5.00 mts   |
| Francesina           | 4.8340N - 75.6754W     | Santa Isabel | Arbusto    | 2,1        | 0.00-5.00 mts   |
| Francesina           | 4.8339N - 75.6795W     | Santa Isabel | Arbusto    | 1,9        | 0.00-5.00 mts   |

| NOM_COM            | COORDENADA                             | BARRIO       | HAB_CRECIM | H_mts_1     | Range_altu      |
|--------------------|--|--------------|------------|-------------|-----------------|
| Francesina         | 4.8335N - 75.6795W                     | Santa Isabel | Arbusto    | 1,6         | 0,00-5,00 mts   |
| Francesina         | 4.8336N - 75.6798W                     | Santa Isabel | Arbusto    | 2           | 0,00-5,00 mts   |
| Dracena            | 4.8337N - 75.6798W                     | Santa Isabel | Arbusto    | 3,6         | 0,00-5,00 mts   |
| Limon mandarino    | 4.8335N - 75.6799W                     | Santa Isabel | Arbol      | 2,1         | 0,00-5,00 mts   |
| Mango              | 4.8336N - 75.6799W                     | Santa Isabel | Arbol      | 3,3         | 0,00-5,00 mts   |
| Limon mandarino    | 4.8336N - 75.6801W                     | Santa Isabel | Arbol      | 2,2         | 0,00-5,00 mts   |
| Francesina         | 4.8337N - 75.6802W                     | Santa Isabel | Arbusto    | 1,6         | 0,00-5,00 mts   |
| Francesina         | 4.8337N - 75.6802W                     | Santa Isabel | Arbusto    | 1,9         | 0,00-5,00 mts   |
| Francesina         | 4.8337N - 75.6802W                     | Santa Isabel | Arbusto    | 1,8         | 0,00-5,00 mts   |
| Guayacan amarillo  | 4.8335N - 75.6801W                     | Santa Isabel | Arbol      | 2,2         | 0,00-5,00 mts   |
| Francesina         | 4.8335N - 75.6801W                     | Santa Isabel | Arbusto    | 1,6         | 0,00-5,00 mts   |
| Francesina         | 4.8335N - 75.6801W                     | Santa Isabel | Arbusto    | 1,6         | 0,00-5,00 mts   |
| Cipres             | 4.8335N - 75.6801W                     | Santa Isabel | Arbol      | 2           | 0,00-5,00 mts   |
| Francesina         | 4.8335N - 75.6801W                     | Santa Isabel | Arbol      | 2           | 0,00-5,00 mts   |
| Croto              | 4.8336N - 75.6803W                     | Santa Isabel | Arbusto    | 2,3         | 0,00-5,00 mts   |
| Croto              | 4.8337N - 75.6803W                     | Santa Isabel | Arbusto    | 1,8         | 0,00-5,00 mts   |
| Francesina         | 4.8336N - 75.6806W                     | Santa Isabel | Arbusto    | 1,7         | 0,00-5,00 mts   |
| Francesina         | 4.8336N - 75.6806W                     | Santa Isabel | Arbusto    | 1,6         | 0,00-5,00 mts   |
| Francesina         | 4.8336N - 75.6806W                     | Santa Isabel | Arbusto    | 1,6         | 0,00-5,00 mts   |
| Aguacate           | 4.8335N - 75.6805W                     | Santa Isabel | Arbol      | 2,7         | 0,00-5,00 mts   |
| Liberalito         | 4.8335N - 75.6807W                     | Santa Isabel | Arbol      | 4,2         | 0,00-5,00 mts   |
| Acacia Magnum      | 4.8335N - 75.6809W                     | Santa Isabel | Arbol      | 8,5         | 0,00-5,00 mts   |
| Liberalito         | 4.8345N - 75.6814W                     | Santa Isabel | Arbol      | 3,1         | 0,00-5,00 mts   |
| Guarda parque      | 4.8345N - 75.6814W                     | Santa Isabel | Arbol      | 2,3         | 0,00-5,00 mts   |
| Pomarroso          | 4.8345N - 75.6814W                     | Santa Isabel | Arbol      | 5,2         | 5,01-15,00mts   |
| Guarda parque      | 4.8345N - 75.6814W                     | Santa Isabel | Arbol      | 2,5         | 0,00-5,00 mts   |
| Ebano ornamental   | 4.8346N - 75.6814W                     | Santa Isabel | Arbol      | 2,6         | 0,00-5,00 mts   |
| Guarda parque      | 4.8350N - 75.6831W                     | Santa Isabel | Arbol      | 1,9         | 0,00-5,00 mts   |
| Guayacan rosado    | 4.8349N - 75.6831W                     | Santa Isabel | Arbol      | 4,3         | 0,00-5,00 mts   |
| Dracena            | 4.8362N - 75.6806W                     | Santa Isabel | Arbol      | 6,2         | 0,00-5,00 mts   |
| Guayacan rosado    | 4.8348N - 75.6830W                     | Santa Isabel | Arbol      | 3,4         | 0,00-5,00 mts   |
| Guayacan rosado    | 4.8348N - 75.6830W                     | Santa Isabel | Arbol      | 2,3         | 0,00-5,00 mts   |
| Guayacan rosado    | 4.8350N - 75.6831W                     | Santa Isabel | Arbol      | 2,5         | 0,00-5,00 mts   |
| Dracena            | 4.8361N - 75.6806W                     | Santa Isabel | Arbusto    | 1,7         | 0,00-5,00 mts   |
| Dracena            | 4.8361N - 75.6806W                     | Santa Isabel | Arbusto    | 1,9         | 0,00-5,00 mts   |
| Milionaria careada | 4.8359N - 75.6803W                     | Santa Isabel | Arbusto    | 4,2         | 0,00-5,00 mts   |
| Francesina         | 4.8359N - 75.6803W                     | Santa Isabel | Arbusto    | 1,8         | 0,00-5,00 mts   |
| Cedro japonés      | 4.8359N - 75.6804W                     | Santa Isabel | Arbol      | 2,3         | 0,00-5,00 mts   |
| Croto              | 4.8355N - 75.6798W                     | Santa Isabel | Arbusto    | 1,8         | 0,00-5,00 mts   |
| Casco de vaca      | 4.8341N - 75.6813W                     | Santa Isabel | Arbol      | 7,8         | 0,00-5,00 mts   |
| Acacia amarilla    | 4.8396N - 75.6781W                     | Santa Isabel | Arbol      | 3,1         | 0,00-5,00 mts   |
| Casco de vaca      | 4.8395N - 75.6781W                     | Santa Isabel | Arbol      | 2           | 0,00-5,00 mts   |
| Acacia amarilla    | 4.8395N - 75.6781W                     | Santa Isabel | Arbol      | 1,8         | 0,00-5,00 mts   |
| Casco de vaca      | 4.8394N - 75.6782W                     | Santa Isabel | Arbol      | 4,2         | 0,00-5,00 mts   |
| Casco de vaca      | 4.8393N - 75.6783W                     | Santa Isabel | Arbol      | 4,2         | 0,00-5,00 mts   |
| Casco de vaca      | 4.8395N - 75.6782W                     | Santa Isabel | Arbol      | 2,2         | 0,00-5,00 mts   |
| Pomarroso          | 4.8395N - 75.6752W                     | Santa Isabel | Arbol      | 4,2 - 7,10  | 5,01-15,00mts   |
| Tulipan africano   | 4.8394N - 75.6751W                     | Santa Isabel | Arbol      | 5,5 - 6,40  | 5,01-15,00mts   |
| Tulipan africano   | 4.8395N - 75.6751W                     | Santa Isabel | Arbol      | 3,3         | 0,00-5,00 mts   |
| Palma areca        | 4.8390N - 75.6755W                     | Santa Isabel | Palma      | 2,4         | 0,00-5,00 mts   |
| Palma quency       | 4.8388N - 75.6756W                     | Santa Isabel | Palma      | 10,5        | 5,01-15,00mts   |
| Palma quency       | 4.8383N - 75.6761W                     | Santa Isabel | Palma      | 6,3         | 5,01-15,00mts   |
| Palma areca        | 4.8383N - 75.6762W                     | Santa Isabel | Palma      | 2,2         | 0,00-5,00 mts   |
| Palma areca        | 4.8382N - 75.6760W                     | Santa Isabel | Palma      | 2,1         | 0,00-5,00 mts   |
| Acacia amarilla    | 4.82626625046008 - 75.68171951919794   | Santa Monica | Arbol      | 9,2         | 5,01-10,00 mts  |
| Acacia amarilla    | 4.8263210407865165 - 75.68169873207808 | Santa Monica | Arbol      | 9           | 5,01-10,00 mts  |
| Acacia amarilla    | 4.826366142576302 - 75.68167593330145  | Santa Monica | Arbol      | 6,5         | 5,01-10,00 mts  |
| Acacia amarilla    | 4.82757553759904 - 75.68089440464573   | Santa Monica | Arbol      | 9           | 5,01-10,00 mts  |
| Pycus lina         | 4.826072479757955 - 75.68169336766005  | Santa Monica | Arbol      | 11          | 10,01-15,00 mts |
| Cipres             | 4.826008334961614 - 75.68155121058226  | Santa Monica | Arbol      | 8           | 5,01-10,00 mts  |
| Leucaena           | 4.825939178846257 - 75.6814657151699   | Santa Monica | Arbol      | 9,2         | 5,01-10,00 mts  |
| Guayacan rosado    | 4.82588939075167 - 75.68142414093019   | Santa Monica | Arbol      | 3,8         | 2,01-5,00 mts   |
| Guayacan rosado    | 4.825886393014345 - 75.68141475319862  | Santa Monica | Arbol      | 5           | 2,01-5,00 mts   |
| Guayacan amarillo  | 4.825876704475124 - 75.68141642957926  | Santa Monica | Arbol      | 0,45-4,5    | 0,00-2,00 mts   |
| Mango              | 4.825877038562673 - 75.68138524889946  | Santa Monica | Arbol      | 0,56-5,6    | 0,00-2,00 mts   |
| Palma manila       | 4.825801868857202 - 75.68127796053885  | Santa Monica | Palma      | 0,47 - 4,70 | 0,00-2,00 mts   |
| Pino vela          | 4.825930826657935 - 75.6813309341669   | Santa Monica | Arbol      | 8           | 5,01-10,00 mts  |
| Pino vela          | 4.825922140381973 - 75.68133227527142  | Santa Monica | Arbol      | 8,7         | 5,01-10,00 mts  |
| Pino vela          | 4.82591512454361 - 75.6813195347786    | Santa Monica | Arbol      | 8,2         | 5,01-10,00 mts  |
| Carbonero zorro    | 4.8259157927186855 - 75.68132020533085 | Santa Monica | Arbol      | 0,85 - 8,50 | 0,00-2,00 mts   |
| Acacia amarilla    | 4.825762112431835 - 75.68108148872852  | Santa Monica | Arbol      | 10          | 5,01-10,00 mts  |
| Tulipan africano   | 4.8256894045066005 - 75.68110831081867 | Santa Monica | Arbol      | 8,6         | 5,01-10,00 mts  |
| Saman              | 4.825587718672841 - 75.6809725239873   | Santa Monica | Arbol      | 11          | 10,01-15,00 mts |
| Acacia amarilla    | 4.825488494617563 - 75.68052960984305  | Santa Monica | Arbol      | 12          | 10,01-15,00 mts |
| Acacia amarilla    | 4.825614111600921 - 75.68093799054623  | Santa Monica | Arbol      | 4,3         | 2,01-5,00 mts   |
| Araucaria          | 4.8255279169712315 - 75.68082567304373 | Santa Monica | Arbol      | 16          | 15,01-28,00 mts |
| Tulipan africano   | 4.825487492354289 - 75.68073581904173  | Santa Monica | Arbol      | 9,5         | 5,01-10,00 mts  |
| Uraapan            | 4.825454417668931 - 75.68071100860834  | Santa Monica | Arbol      | 11          | 10,01-15,00 mts |
| Uraapan            | 4.825421008888165 - 75.68065971136093  | Santa Monica | Arbol      | 10          | 5,01-10,00 mts  |
| Palma manila       | 4.82532512568685 - 75.6806406006217    | Santa Monica | Palma      | 2           | 0,00-2,00 mts   |
| Pino libro         | 4.82523934229654 - 75.68049341440201   | Santa Monica | Arbol      | 2,3         | 2,01-5,00 mts   |
| Pino libro         | 4.825206524495736 - 75.6804421171546   | Santa Monica | Arbol      | 2,4         | 2,01-5,00 mts   |
| Almendro           | 4.82528937828776 - 75.68045988678932   | Santa Monica | Arbol      | 6           | 5,01-10,00 mts  |
| Uraapan            | 4.825267662577125 - 75.68040657788515  | Santa Monica | Arbol      | 8           | 5,01-10,00 mts  |
| Uraapan            | 4.825230578823496 - 75.68037640303373  | Santa Monica | Arbol      | 9,2         | 5,01-10,00 mts  |
| Uraapan            | 4.825219553923386 - 75.68036500364542  | Santa Monica | Arbol      | 0,09-0,90   | 0,00-2,00 mts   |
| Araucaria          | 4.8251006186258945 - 75.68030297756195 | Santa Monica | Arbol      | 11,8        | 10,01-15,00 mts |
| Guayacan rosado    | 4.825177458848566 - 75.68024832755326  | Santa Monica | Arbol      | 10          | 5,01-10,00 mts  |
| Acacia amarilla    | 4.825131688803925 - 75.6801987066965   | Santa Monica | Arbol      | 4,2         | 2,01-5,00 mts   |
| Mango              | 4.825042821409193 - 75.6800588965416   | Santa Monica | Arbol      | 8,5         | 5,01-10,00 mts  |
| Uraapan            | 4.82503246468197 - 75.6800327450037    | Santa Monica | Arbol      | 9,7         | 5,01-10,00 mts  |
| Benjamin           | 4.824923886080722 - 75.67998547106981  | Santa Monica | Arbol      | 3,8         | 2,01-5,00 mts   |
| Palma areca        | 4.8250962748826014 - 75.68000826994643 | Santa Monica | Palma      | 3,6         | 2,01-5,00 mts   |
| Palma areca        | 4.8250401487054075 - 75.67992210388184 | Santa Monica | Palma      | 5,6         | 5,01-10,00 mts  |
| Guayacan amarillo  | 4.824924220168755 - 75.67981783300638  | Santa Monica | Arbol      | 11          | 10,01-15,00 mts |
| Tulipan africano   | 4.8247541693398625 - 75.67953686578369 | Santa Monica | Arbol      | 7,8         | 5,01-10,00 mts  |
| Almendro           | 4.824815307462095 - 75.67945573478937  | Santa Monica | Arbol      | 6,5         | 5,01-10,00 mts  |
| Casco de vaca      | 4.824752164811284 - 75.6795197725296   | Santa Monica | Arbol      | 1,06 - 7,30 | 5,01-10,00 mts  |
| Araucaria          | 4.824702385680317 - 75.67928239703178  | Santa Monica | Arbol      | 10          | 5,01-10,00 mts  |
| Uraapan            | 4.824677997249695 - 75.67920662462711  | Santa Monica | Arbol      | 14          | 10,01-15,00 mts |
| Acacia amarilla    | 4.8247822327409775 - 75.67918114364147 | Santa Monica | Arbol      | 6,8         | 5,01-10,00 mts  |
| Araucaria          | 4.824673988187853 - 75.67914962768556  | Santa Monica | Arbol      | 11,5        | 10,01-15,00 mts |
| Acacia amarilla    | 4.824687685802016 - 75.6790859252144   | Santa Monica | Arbol      | 2,5         | 2,01-5,00 mts   |
| Tulipan africano   | 4.824692363036052 - 75.67903563380241  | Santa Monica | Arbol      | 12          | 10,01-15,00 mts |
| Acacia amarilla    | 4.824690692595336 - 75.67908952798273  | Santa Monica | Arbol      | 4,5         | 2,01-5,00 mts   |
| Mango              | 4.824713410588837 - 75.67903328688963  | Santa Monica | Arbol      | 0,85 - 6,40 | 5,01-10,00 mts  |
| Acacia amarilla    | 4.824705058385426 - 75.6789880245924   | Santa Monica | Arbol      | 0,36- 3,6   | 0,00-2,00 mts   |
| Acacia amarilla    | 4.824676994981226 - 75.67875366657972  | Santa Monica | Arbol      | 3,5         | 2,01-5,00 mts   |
| Acacia amarilla    | 4.824677663157534 - 75.67872986197472  | Santa Monica | Arbol      | 4,9         | 2,01-5,00 mts   |
| Palma areca        | 4.824758512485451 - 75.67870168878006  | Santa Monica | Palma      | 7,2         | 5,01-10,00 mts  |
| Aguacate           | 4.824677329069373 - 75.67853774875402  | Santa Monica | Arbol      | 6           | 5,01-10,00 mts  |
| Palma areca        | 4.824599820613715 - 75.67858089937439  | Santa Monica | Palma      | 3,7         | 2,01-5,00 mts   |
| Palma areca        | 4.824597816084671 - 75.67853171378374  | Santa Monica | Palma      | 0,06 - 6,0  | 5,01-10,00 mts  |

| NOM_COM               | COORDENADA                            | BARRIO       | HAB_CRECIM | H_mts_1      | Rango_sftu      |
|-----------------------|---------------------------------------|--------------|------------|--------------|-----------------|
| Mango                 | 4.83467933598297,-75.67836105823517   | Santa Monica | arbol      | 5,8          | 5,01-10,00 mts  |
| Aguate                | 4.834669723365905,-75.67830506712198  | Santa Monica | arbol      | 0,81- 8,1    | 0,00-2,00 mts   |
| Mango                 | 4.834661252837907,-75.6782541051507   | Santa Monica | arbol      | 5,9          | 5,01-10,00 mts  |
| Benjamin careado      | 4.834699712975196,-75.6781904026886   | Santa Monica | arbol      | 0,23- 2,30   | 0,00-2,00 mts   |
| Papayuelo             | 4.83469811185344,-75.67817766219379   | Santa Monica | Arbusto    | 0,26-2,6     | 0,00-2,00 mts   |
| Araucaria             | 4.834405381393253,-75.6779333634649   | Santa Monica | arbol      | 1,27 - 12,70 | 5,01-10,00 mts  |
| Guanabano             | 4.834409734406948,-75.6779382750382   | Santa Monica | arbol      | 8,6          | 5,01-10,00 mts  |
| Benjamin              | 4.834328861447646,-75.67787366674671  | Santa Monica | arbol      | 10           | 5,01-10,00 mts  |
| Acacia amarilla       | 4.834256377867442,-75.67779410630485  | Santa Monica | arbol      | 6,2          | 5,01-10,00 mts  |
| Acacia amarilla       | 4.834180539605707,-75.67773677408695  | Santa Monica | arbol      | 0,76-7,6     | 5,01-10,00 mts  |
| Urapan                | 4.834069347476055,-75.67760299991233  | Santa Monica | arbol      | 11,2         | 10,01-15,00 mts |
| Acacia amarilla       | 4.833877521562526,-75.67734248936176  | Santa Monica | arbol      | 9,4          | 5,01-10,00 mts  |
| Aguate                | 4.833908591796548,-75.67744072526695  | Santa Monica | arbol      | 5            | 2,01-5,00 mts   |
| Araucaria             | 4.83375557932346,-75.67730829119682   | Santa Monica | arbol      | 13,8         | 10,01-15,00 mts |
| Urapan                | 4.833732861208899,-75.67726369947195  | Santa Monica | arbol      | 11           | 10,01-15,00 mts |
| Urapan                | 4.833672725253229,-75.67722111940384  | Santa Monica | arbol      | 8            | 5,01-10,00 mts  |
| Palma areca           | 4.833431179118989,-75.67707527428865  | Santa Monica | Palma      | 5,3          | 5,01-10,00 mts  |
| Palma areca           | 4.833585194022253,-75.6770059721304   | Santa Monica | Palma      | 6,5          | 5,01-10,00 mts  |
| Palma areca           | 4.83360232545199,-75.67702699452637   | Santa Monica | Palma      | 6,9          | 5,01-10,00 mts  |
| Palma areca           | 4.833611921116888,-75.67702297121286  | Santa Monica | Palma      | 6,8          | 5,01-10,00 mts  |
| Palma areca           | 4.833470601592133,-75.67690528929234  | Santa Monica | Palma      | 3,5          | 2,01-5,00 mts   |
| Palma areca           | 4.83349432083437,-75.67689858376978   | Santa Monica | Palma      | 8,1          | 5,01-10,00 mts  |
| Tulipan africano      | 4.833396438886523,-75.67690059942656  | Santa Monica | arbol      | 9,8          | 5,01-10,00 mts  |
| Pino patula           | 4.833154553656081,-75.67670881748198  | Santa Monica | arbol      | 12           | 10,01-15,00 mts |
| Araucaria             | 4.833109786560844,-75.67666963189135  | Santa Monica | arbol      | 14,5         | 10,01-15,00 mts |
| Casco de vaca         | 4.83306602000049,-75.67669314721823   | Santa Monica | arbol      | 8,7          | 5,01-10,00 mts  |
| Acacia amarilla       | 4.833023256614199,-75.67649055272341  | Santa Monica | arbol      | 1,28 - 12,80 | 0,00-2,00 mts   |
| Guayacan rosado       | 4.832972809119848,-75.67640237510204  | Santa Monica | arbol      | 0,99-9,8     | 0,00-2,00 mts   |
| Palma areca           | 4.83268059504814,-75.68127293139696   | Santa Monica | Palma      | 2,2          | 2,01-5,00 mts   |
| Eucalipto             | 4.8343676292819,-75.68168934434652    | Santa Monica | arbol      | 23           | 15,01-28,00 mts |
| Limon mandarin        | 4.834239993947015,-75.68151500076056  | Santa Monica | arbol      | 5,2          | 5,01-10,00 mts  |
| Acacia amarilla       | 4.834249027923502,-75.68142581731081  | Santa Monica | arbol      | 4,5 - 6,30   | 5,01-10,00 mts  |
| Acacia amarilla       | 4.834174526214825,-75.68140670657158  | Santa Monica | arbol      | 5,59         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.834122074333805,-75.6814107298851   | Santa Monica | arbol      | 7            | 5,01-10,00 mts  |
| Casco de vaca         | 4.834151806202997,-75.68156160414219  | Santa Monica | arbol      | 8            | 5,01-10,00 mts  |
| Casco de vaca         | 4.834082317810045,-75.68153142929077  | Santa Monica | arbol      | 8            | 5,01-10,00 mts  |
| Higuero               | 4.833952023304086,-75.6815803796053   | Santa Monica | arbol      | 5            | 2,01-5,00 mts   |
| Cedro rosado          | 4.8338808634479645,-75.68149924278259 | Santa Monica | arbol      | 18           | 15,01-28,00 mts |
| Cedro rosado          | 4.833772617751118,-75.68143118172884  | Santa Monica | arbol      | 19           | 15,01-28,00 mts |
| Palma areca           | 4.83386649437478,-75.68134266883135   | Santa Monica | Palma      | 3,4          | 0,00-2,00 mts   |
| Guayacan amarillo     | 4.833780301788817,-75.68129908293486  | Santa Monica | arbol      | 18           | 15,01-28,00 mts |
| Cambulo               | 4.833728139962485,-75.68134056717459  | Santa Monica | arbol      | 15           | 10,01-15,00 mts |
| Cambulo               | 4.833638648210455,-75.68136680871248  | Santa Monica | arbol      | 7,8          | 5,01-10,00 mts  |
| Eucalipto             | 4.833628966391595,-75.68130176514387  | Santa Monica | arbol      | 22,9         | 15,01-28,00 mts |
| Mango                 | 4.83351269677279,-75.68122052832117   | Santa Monica | arbol      | 16,8         | 15,01-28,00 mts |
| Guayacan rosado       | 4.833520046724695,-75.68116731941699  | Santa Monica | arbol      | 17,9         | 15,01-28,00 mts |
| Guayacan de manizales | 4.833452894888875,-75.68109888781101  | Santa Monica | arbol      | 16,8         | 15,01-28,00 mts |
| Guayaba peruana       | 4.833429642763916,-75.68101946264507  | Santa Monica | arbol      | 3,8          | 2,01-5,00 mts   |
| Guayaba peruana       | 4.833460913018433,-75.6810600310564   | Santa Monica | arbol      | 3,9          | 2,01-5,00 mts   |
| Guayaba peruana       | 4.833442872229575,-75.68105198442937  | Santa Monica | arbol      | 3,5          | 2,01-5,00 mts   |
| Leucaena              | 4.833390754377191,-75.6810026988387   | Santa Monica | arbol      | 5,4          | 5,01-10,00 mts  |
| Quitabrango           | 4.8333797294472085,-75.68099694086075 | Santa Monica | arbol      | 6,8          | 5,01-10,00 mts  |
| Leucaena              | 4.833397436152862,-75.68095341324806  | Santa Monica | arbol      | 6,9          | 5,01-10,00 mts  |
| Leucaena              | 4.83337404993775,-75.6809509545706    | Santa Monica | arbol      | 9,8          | 5,01-10,00 mts  |
| Palma mania           | 4.833327611593891,-75.68083003163338  | Santa Monica | Palma      | 5,2 - 6,40   | 5,01-10,00 mts  |
| Palma mania           | 4.83334732833764,-75.6808216497302    | Santa Monica | Palma      | 5 - 6,00     | 5,01-10,00 mts  |
| Palma mania           | 4.833361354563478,-75.68080504451353  | Santa Monica | Palma      | 4,9 - 6,20   | 5,01-10,00 mts  |
| Palma cubana          | 4.83354944653155,-75.68069893866777   | Santa Monica | Palma      | 0,68 - 6,80  | 0,00-2,00 mts   |
| Palma cubana          | 4.833562141902298,-75.680673122406    | Santa Monica | Palma      | 11,8         | 10,01-15,00 mts |
| Palma quency          | 4.833984429889677,-75.68041663616896  | Santa Monica | Palma      | 11,4         | 10,01-15,00 mts |
| Palma quency          | 4.834112385769405,-75.68034287542105  | Santa Monica | Palma      | 14           | 10,01-15,00 mts |
| Mango                 | 4.83418722157358,-75.68030197173357   | Santa Monica | arbol      | 8,6          | 5,01-10,00 mts  |
| Mango                 | 4.83428310493564,-75.68022854626179   | Santa Monica | arbol      | 6,5          | 5,01-10,00 mts  |
| Aguate                | 4.834382017727693,-75.68013433367014  | Santa Monica | arbol      | 9            | 5,01-10,00 mts  |
| Sauco                 | 4.8346135182293655,-75.68010818213224 | Santa Monica | Arbusto    | 2,5          | 2,01-5,00 mts   |
| Acacia amarilla       | 4.8346004887901,-75.68004682660103    | Santa Monica | arbol      | 7,4          | 5,01-10,00 mts  |
| Acacia amarilla       | 4.834747153489846,-75.6799465790391   | Santa Monica | arbol      | 6,9          | 5,01-10,00 mts  |
| Acacia amarilla       | 4.834780228212369,-75.6799515060401   | Santa Monica | arbol      | 6,2          | 5,01-10,00 mts  |
| Acacia amarilla       | 4.834510284972867,-75.67943796515465  | Santa Monica | arbol      | 7,8          | 5,01-10,00 mts  |
| Acacia amarilla       | 4.83444781047021,-75.67943327128887   | Santa Monica | arbol      | 8            | 5,01-10,00 mts  |
| Arayan                | 4.83382674010171,-75.67940175533295   | Santa Monica | arbol      | 18           | 15,01-28,00 mts |
| Cipres - PINO LIBRO   | 4.833460578929688,-75.67937526851892  | Santa Monica | arbol      | 4,8          | 2,01-5,00 mts   |
| Cipres - PINO LIBRO   | 4.833462917550936,-75.67935481667519  | Santa Monica | arbol      | 5,9          | 5,01-10,00 mts  |
| Croto                 | 4.833455657596407,-75.67932296544313  | Santa Monica | Arbusto    | 5,7          | 5,01-10,00 mts  |
| Palma areca           | 4.833446547203009,-75.67880127578974  | Santa Monica | Palma      | 4,6          | 2,01-5,00 mts   |
| Palma areca           | 4.8334572380421765,-75.67879089281956 | Santa Monica | Palma      | 5,9          | 5,01-10,00 mts  |
| Palma robelini        | 4.833474844745807,-75.6786648184061   | Santa Monica | Palma      | 3,5          | 2,01-5,00 mts   |
| Palma robelini        | 4.833532073918561,-75.67867588251829  | Santa Monica | Palma      | 0,04-4,00    | 0,00-2,00 mts   |
| Palma juca            | 4.833704463673877,-75.67873589694501  | Santa Monica | Arbusto    | 9            | 5,01-10,00 mts  |
| Casco de vaca         | 4.834162499032057,-75.67863699048758  | Santa Monica | arbol      | 5,5          | 5,01-10,00 mts  |
| Palma areca           | 4.831624348932638,-75.67860039864779  | Santa Monica | Palma      | 5,8          | 5,01-10,00 mts  |
| Palma areca           | 4.83314852996484,-75.67970484495163   | Santa Monica | Palma      | 7            | 5,01-10,00 mts  |
| Leucaena              | 4.833171258009954,-75.6796997623444   | Santa Monica | arbol      | 7            | 5,01-10,00 mts  |
| Fresno                | 4.833175601165536,-75.6796646118164   | Santa Monica | arbol      | 7            | 5,01-10,00 mts  |
| Casco de vaca         | 4.8334331376806,-75.67961709032059    | Santa Monica | arbol      | 16           | 15,01-28,00 mts |
| Francesina            | 4.833390754377191,-75.67941550165415  | Santa Monica | Arbusto    | 3,5          | 2,01-5,00 mts   |
| Palma juca            | 4.833302843044195,-75.6794936209917   | Santa Monica | Arbusto    | 15           | 10,01-15,00 mts |
| Acacia amarilla       | 4.83417523549342,-75.67886521352987   | Santa Monica | arbol      | 11           | 0,00-2,00 mts   |
| Acacia amarilla       | 4.8333609978106195,-75.67925155163811 | Santa Monica | arbol      | 6            | 5,01-10,00 mts  |
| Leucaena              | 4.833360329633013,-75.679205624627111 | Santa Monica | arbol      | 5            | 2,01-5,00 mts   |
| Leucaena              | 4.83336286636615,-75.67918080836525   | Santa Monica | arbol      | 5            | 2,01-5,00 mts   |
| Melan                 | 4.83341977412821,-75.67914426326752   | Santa Monica | arbol      | 10           | 5,01-10,00 mts  |
| Guayabo dulce         | 4.83343981945692,-75.67880161106586   | Santa Monica | arbol      | 5,8          | 5,01-10,00 mts  |
| Leucaena              | 4.8333660318066605,-75.67876640707254 | Santa Monica | arbol      | 9            | 5,01-10,00 mts  |
| Guayabo dulce         | 4.83332622256112,-75.67872684448957   | Santa Monica | arbol      | 10           | 5,01-10,00 mts  |
| Palma areca           | 4.833365363629054,-75.67879905413298  | Santa Monica | Palma      | 7,2          | 5,01-10,00 mts  |
| Aguate                | 4.83327215284915,-75.67875869572163   | Santa Monica | arbol      | 10,2         | 10,01-15,00 mts |
| Palma areca           | 4.83335629725437,-75.67875131964684   | Santa Monica | Palma      | 0,74 - 7,40  | 0,00-2,00 mts   |
| Chucho                | 4.83338970613547,-75.67870672792196   | Santa Monica | arbol      | 11,5         | 10,01-15,00 mts |
| Acacia roja           | 4.83215154675496,-75.6785496186946    | Santa Monica | arbol      | 7            | 5,01-10,00 mts  |
| Casco de vaca         | 4.8320720506527995,-75.67845958886421 | Santa Monica | arbol      | 9            | 5,01-10,00 mts  |
| Cipres                | 4.83219598058757,-75.67843649536371   | Santa Monica | arbol      | 0,1 - 10,0   | 0,00-2,00 mts   |
| Acote                 | 4.83216025920146,-75.67846298217773   | Santa Monica | arbol      | 3,8          | 2,01-5,00 mts   |
| Benjamin              | 4.832389418022054,-75.6785749644041   | Santa Monica | arbol      | 11,5         | 10,01-15,00 mts |
| Casco de vaca         | 4.832387747579132,-75.67838687449694  | Santa Monica | arbol      | 10,8         | 10,01-15,00 mts |
| Aguate                | 4.832329950215597,-75.67841369558709  | Santa Monica | arbol      | 9,5          | 5,01-10,00 mts  |
| Limon tahiti          | 4.832327215284915,-75.67849148084852  | Santa Monica | arbol      | 0,24 - 1,20  | 0,00-2,00 mts   |
| Araucaria             | 4.83239746229664,-75.67843079566956   | Santa Monica | arbol      | 12           | 10,01-15,00 mts |
| Saman                 | 4.832396873159622,-75.67839693279074  | Santa Monica | arbol      | 10           | 5,01-10,00 mts  |
| Palma areca           | 4.832300848488085,-75.67840564999004  | Santa Monica | Palma      | 7,5          | 5,01-10,00 mts  |
| Benjamin              | 4.8322921981784616,-75.67838486284018 | Santa Monica | arbol      | 12           | 10,01-15,00 mts |
| Naranjo               | 4.8323277164180778,-75.67838184535903 | Santa Monica | arbol      | 3,7          | 2,01-5,00 mts   |
| Mandarino             | 4.832309236708748,-75.67799862474203  | Santa Monica | arbol      | 8            | 5,01-10,00 mts  |

| NOM_COM           | COORDENADA                            | BARRIO                             | HAB_CRECIM | H_mts_1  | Rango_ufu       |
|-------------------|---------------------------------------|------------------------------------|------------|----------|-----------------|
| Benjamin          | 4.8233981043304315 -75.67802410572766 | Santa Monica                       | arbol      | 16       | 5.01-28.00 mts  |
| Naranjo           | 4.8235080217967995 -75.6779707968235  | Santa Monica                       | arbol      | 5,5      | 5.01-10.00 mts  |
| Casco de vaca     | 4.827984502293052 -75.67542886191608  | Santa Monica                       | arbol      | 8,9      | 5.01-10.00 mts  |
| Uraban            | 4.82336179603393 -75.6775989755988    | Santa Monica                       | arbol      | 14       | 10.01-15.00 mts |
| Uraban            | 4.8233149162187665 -75.6772705107927  | Santa Monica                       | arbol      | 11       | 10.01-15.00 mts |
| Uraban            | 4.823347322833754 -75.67773342132668  | Santa Monica                       | arbol      | 12       | 10.01-15.00 mts |
| Araucara          | 4.822720237954545 -75.6763668358326   | Santa Monica                       | arbol      | 18       | 15.01-28.00 mts |
| Mango             | 4.821937466607122 -75.67603960633278  | Santa Monica                       | arbol      | 0,76-7,8 | 0.00-2.00 mts   |
| Guamo santafereño | 4.821921430310938 -75.67606944590807  | Santa Monica                       | arbol      | 11       | 10.01-15.00 mts |
| Guayacan rosado   | 4.821845591989422 -75.6760124489665   | Santa Monica                       | arbol      | 9,2      | 5.01-10.00 mts  |
| Guayacan rosado   | 4.821834901122887 -75.67600607872009  | Santa Monica                       | arbol      | 7,1      | 5.01-10.00 mts  |
| Guayacan rosado   | 4.82177543318029 -75.67597322165966   | Santa Monica                       | arbol      | 7,8      | 5.01-10.00 mts  |
| Guayacan rosado   | 4.8218278852422964 -75.67600272595882 | Santa Monica                       | arbol      | 8        | 5.01-10.00 mts  |
| Naranjo           | 4.82182153754073 -75.67595042288303   | Santa Monica                       | arbol      | 9        | 5.01-10.00 mts  |
| Guayacan rosado   | 4.821788128584204 -75.67593030631542  | Santa Monica                       | arbol      | 6,7      | 5.01-10.00 mts  |
| Guayacan rosado   | 4.821777771807351 -75.67593567073347  | Santa Monica                       | arbol      | 8,5      | 5.01-10.00 mts  |
| Guayacan rosado   | 4.821709951619612 -75.675968058955    | Santa Monica                       | arbol      | 7,4      | 5.01-10.00 mts  |
| Guayacan rosado   | 4.821678547195273 -75.67575663328171  | Santa Monica                       | arbol      | 9,7      | 5.01-10.00 mts  |
| Guayacan rosado   | 4.821677879016012 -75.6757153943181   | Santa Monica                       | arbol      | 9        | 5.01-10.00 mts  |
| Guayacan rosado   | 4.821674538119723 -75.67573484033346  | Santa Monica                       | arbol      | 7,5      | 5.01-10.00 mts  |
| Guayacan rosado   | 4.821668858596014 -75.67571673542261  | Santa Monica                       | arbol      | 9,8      | 5.01-10.00 mts  |
| Guayacan rosado   | 4.821648806410997 -75.67568226026535  | Santa Monica                       | arbol      | 9        | 5.01-10.00 mts  |
| Guayacan rosado   | 4.8216020406662965 -75.6756778433919  | Santa Monica                       | arbol      | 8,9      | 5.01-10.00 mts  |
| Guayacan rosado   | 4.821613738044469 -75.67559335380791  | Santa Monica                       | arbol      | 8,3      | 5.01-10.00 mts  |
| Guayacan rosado   | 4.821612731535483 -75.67564196884632  | Santa Monica                       | arbol      | 5        | 2.01-5.00 mts   |
| Guayabo dulce     | 4.821637788259502 -75.6756054237485   | Santa Monica                       | arbol      | 0,61-6,1 | 0.00-2.00 mts   |
| Guayacan rosado   | 4.821602374755958 -75.67562463448772  | Santa Monica                       | arbol      | 3        | 2.01-5.00 mts   |
| Laurel pena       | 4.821563954443421 -75.67561112344264  | Santa Monica                       | arbol      | 0,09-9   | 0.00-2.00 mts   |
| Guayacan rosado   | 4.82160972472885 -75.6756117939949    | Santa Monica                       | arbol      | 0,57-5,7 | 0.00-2.00 mts   |
| Guayacan rosado   | 4.8215566044703336 -75.67560316452981 | Santa Monica                       | arbol      | 0,04-4   | 0.00-2.00 mts   |
| Jagua             | 4.821386218708415 -75.67547835409641  | Santa Monica                       | arbol      | 10       | 5.01-10.00 mts  |
| Guayabo dulce     | 4.821414950428132 -75.67551389336586  | Santa Monica                       | arbol      | 5        | 2.01-5.00 mts   |
| Casco de vaca     | 4.847409976115847 -75.65716691315174  | Santa Monica                       | arbol      | 11,7     | 10.01-15.00 mts |
| Leucaena          | 4.8233 - 75.6780                      | Santa Monica                       | arbol      | 12       | 5.01-15.00 mts  |
| Aguacate          | 4.8233 - 75.6780                      | Santa Monica                       | arbol      | 8,6      | 5.01-15.00 mts  |
| Palma Area        | 4.8232599 - 75.67031423               | Santa Monica                       | Palma      | 2        | 0,00-5.00 mts   |
| Palma Mania       | 4.8232599 - 75.67031423               | Santa Monica                       | Palma      | 5        | 0,00-5.00 mts   |
| Palma Mania       | 4.8232599 - 75.67031423               | Santa Monica                       | Palma      | 5        | 0,00-5.00 mts   |
| Palma Mania       | 4.8232599 - 75.67031423               | Santa Monica                       | Palma      | 5        | 0,00-5.00 mts   |
| Palma Area        | 4.8232599 - 75.67031423               | Santa Monica                       | Palma      | 4        | 0,00-5.00 mts   |
| Palma Area        | 4.8232599 - 75.67031423               | Santa Monica                       | Palma      | 6        | 5.01-15.00 mts  |
| Palma Area        | 4.8232599 - 75.67031423               | Santa Monica                       | Palma      | 3        | 0,00-5.00 mts   |
| Palma Area        | 4.8232599 - 75.67031423               | Santa Monica                       | Palma      | 2        | 0,00-5.00 mts   |
| Palma Area        | 4.8232599 - 75.67031423               | Santa Monica                       | Palma      | 2        | 0,00-5.00 mts   |
| Palma Area        | 4.8232599 - 75.67031423               | Santa Monica                       | Palma      | 2        | 0,00-5.00 mts   |
| Palma Area        | 4.8232599 - 75.67031423               | Santa Monica                       | Palma      | 2        | 0,00-5.00 mts   |
| Palma Area        | 4.8232599 - 75.67031423               | Santa Monica                       | Palma      | 2        | 0,00-5.00 mts   |
| Palma Corazo      | 4.8233N - 75.6786W                    | Santa Monica                       | Palma      | 1,8      | 0,00-5.00 mts   |
| Palma area        | 4.8234N - 75.6791W                    | Santa Monica                       | Palma      | 1,7      | 0,00-5.00 mts   |
| Palma area        | 4.8196N - 75.0818W                    | Santa Monica                       | Palma      | 1,9      | 0,00-5.00 mts   |
| Leucaena          | 4.8234 - 75.6780                      | Santa Monica                       | arbol      | 14       | 5.01-15.00 mts  |
| Leucaena          | 4.8233 - 75.6778                      | Santa Monica                       | arbol      | 15       | 5.01-15.00 mts  |
| Carbonero rojo    | 4.8233 - 75.6778                      | Santa Monica                       | arbol      | 4,3      | 0,00-5.00 mts   |
| Uraban            | 4.8232 - 75.6778                      | Santa Monica                       | arbol      | 14,5     | 5.01-15.00 mts  |
| Aguacate          | 4.8231 - 75.6775                      | Santa Monica                       | arbol      | 3,9      | 0,00-5.00 mts   |
| Naranjo           | 4.8232 - 75.6776                      | Santa Monica                       | arbol      | 5,1      | 5.01-15.00 mts  |
| Pino azul         | 4.8272 - 75.6793                      | Santa Monica                       | arbol      | 1,8      | 15.01-20.00     |
| Guayabo           | 4.8232599 - 75.67031423               | Santa Monica                       | arbol      | 4        | 0,00-5.00 mts   |
| Qulebrabarrigo    | 4.8232599 - 75.67031423               | Santa Monica                       | arbol      | 4        | 0,00-5.00 mts   |
| Caucho            | 4.8232599 - 75.67031423               | Santa Monica                       | arbol      | 8        | 5.01-15.00 mts  |
| Qulebrabarrigo    | 4.8232599 - 75.67031423               | Santa Monica                       | arbol      | 6        | 5.01-15.00 mts  |
| Caucho            | 4.8232599 - 75.67031423               | Santa Monica                       | arbol      | 4        | 0,00-5.00 mts   |
| Ficus             | 4.8232599 - 75.67031423               | Santa Monica                       | arbol      | 10       | 5.01-15.00 mts  |
| Guayabo           | 4.8232599 - 75.67031423               | Santa Monica                       | arbol      | 4        | 0,00-5.00 mts   |
| Ficus             | 4.8232599 - 75.67031423               | Santa Monica                       | arbol      | 6        | 0,00-5.00 mts   |
| Francesina        | 4.8232599 - 75.67031423               | Santa Monica                       | arbol      | 4        | 0,00-5.00 mts   |
| Francesina        | 4.8232599 - 75.67031423               | Santa Monica                       | arbol      | 4        | 0,00-5.00 mts   |
| Francesina        | 4.8232599 - 75.67031423               | Santa Monica                       | arbol      | 4        | 0,00-5.00 mts   |
| Resucitado        | 4.8232599 - 75.67031423               | Santa Monica                       | arbol      | 5        | 0,00-5.00 mts   |
| Palma quency      | 4.8266348868672 -75.6822395324707     | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 5        | 2.01-5.00 mts   |
| Palma quency      | 4.82668460410004 -75.68221036344767   | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 4,6      | 2.01-5.00 mts   |
| Palma quency      | 4.826734049071334 -75.68218320608139  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 3,9      | 2.01-5.00 mts   |
| Palma quency      | 4.826777480462083 -75.68215638399124  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 3,7      | 2.01-5.00 mts   |
| Palma quency      | 4.826822916375974 -75.68211313337088  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 6,2      | 5.01-10.00 mts  |
| Palma quency      | 4.82687403177462 -75.68209066987038   | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 7,2      | 5.01-10.00 mts  |
| Palma quency      | 4.826972921688025 -75.68202629685402  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 6,5      | 5.01-10.00 mts  |
| Palma quency      | 4.826030050648545 -75.68200048059225  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 4,5      | 2.01-5.00 mts   |
| Palma quency      | 4.826779742553152 -75.68150091916323  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 8        | 5.01-10.00 mts  |
| Palma quency      | 4.826832528315574 -75.6814767730821   | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 9        | 5.01-10.00 mts  |
| Palma quency      | 4.826929747652085 -75.68144066946039  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 7,2      | 5.01-10.00 mts  |
| Palma quency      | 4.8268980629677495 -75.6814415739027  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 4,5      | 2.01-5.00 mts   |
| Palma quency      | 4.827030641931597 -75.68137418478727  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 5,2      | 5.01-10.00 mts  |
| Palma quency      | 4.8270089326276674 -75.68137552389178 | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 4,2      | 2.01-5.00 mts   |
| Palma quency      | 4.827108150109631 -75.6813296930634   | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 5,1      | 5.01-10.00 mts  |
| Palma quency      | 4.827172962975859 -75.68129170688007  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 6        | 5.01-10.00 mts  |
| Palma quency      | 4.827207039841184 -75.68126019090414  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 5,8      | 5.01-10.00 mts  |
| Palma quency      | 4.82724813252944 -75.68121492862701   | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 6,8      | 5.01-10.00 mts  |
| Palma quency      | 4.8273496494935275 -75.68117167800665 | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 6,5      | 5.01-10.00 mts  |
| Palma quency      | 4.827382792135792 -75.68113479763268  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 6,5      | 5.01-10.00 mts  |
| Palma quency      | 4.827630327819743 -75.6808383623838   | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 3,2      | 2.01-5.00 mts   |
| Palma quency      | 4.827338670069604 -75.68114720284939  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 3,6      | 2.01-5.00 mts   |
| Palma quency      | 4.827670752309006 -75.68096179615123  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 3,6      | 2.01-5.00 mts   |
| Palma quency      | 4.827769307871917 -75.68089675158262  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 3,9      | 2.01-5.00 mts   |
| Palma quency      | 4.827815077738638 -75.6808799877628   | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 2,8      | 2.01-5.00 mts   |
| Palma quency      | 4.82782093557358 -75.68087194114923   | Santa Monica - AV, SIMON BOLIVAR   | arbol      | 2,5      | 2.01-5.00 mts   |
| Palma quency      | 4.82777632691109 -75.6808339882135    | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 3,2      | 2.01-5.00 mts   |
| Palma quency      | 4.827854499957134 -75.68085048347712  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 4,5      | 2.01-5.00 mts   |
| Palma quency      | 4.827976441550686 -75.68077303469182  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 3,6      | 2.01-5.00 mts   |
| Palma quency      | 4.82799615265559 -75.68077001720665   | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 4,6      | 2.01-5.00 mts   |
| Palma quency      | 4.828040920247472 -75.68072810769081  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 7,4      | 5.01-10.00 mts  |
| Palma quency      | 4.828087692355278 -75.68070329725742  | Santa Monica - AV, SIMON BOLIVAR   | Palma      | 7,5      | 5.01-10.00 mts  |
| Araucara          | 4.84333667417647 -75.66389724612236   | Santa Teresita                     | arbol      | 15       | 10.01-15.00 mts |
| Palma area        | 4.84319343857346 -75.66392540931702   | Santa Teresita                     | Palma      | 9,5      | 5.01-10.00 mts  |
| Araucara          | 4.84316806671662 -75.66388551145792   | Santa Teresita                     | arbol      | 16,5     | 15.01-28.00 mts |
| Benjamin          | 4.8431638449027155 -75.66374503076077 | Santa Teresita                     | arbol      | 17       | 15.01-28.00 mts |
| Palma area        | 4.8432N - 75.6638W                    | Santa Teresita                     | Palma      | 2,1      | 0,00-5.00 mts   |
| Francesina        | 4.8431N - 75.6639W                    | Santa Teresita                     | Arbusto    | 3,3      | 0,00-5.00 mts   |
| Palma quency      | 4.8416N - 75.6645W                    | Santa Teresita                     | Palma      | 11,5     | 10.01-15.00 mts |
| Palma quency      | 4.8417N - 75.6645W                    | Santa Teresita                     | Palma      | 11       | 10.01-15.00 mts |
| Palma area        | 4.8417N - 75.6644W                    | Santa Teresita                     | Palma      | 9,1      | 5.01-10.00 mts  |
| Uraban            | 4.8443N - 75.6663W                    | Santa Teresita                     | arbol      | 16       | 15.01-20.00 mts |
| Palma cubana      | 4.84506141901346 -75.66173069170982   | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 13,2     | 10.01-15.00 mts |
| Palma cubana      | 4.846847056241969 -75.66042713820936  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 17       | 15.01-28.00 mts |



| NOM_COM            | COORDENADA                            | BARRIO                             | HAB_CRECIM | H_mts_1     | Rango_fts       |
|--------------------|---------------------------------------|------------------------------------|------------|-------------|-----------------|
| Palma quency       | 4.8467529466057,-75.66053442656994    | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 11          | 10,01-15,00 mts |
| Palma cubana       | 4.8465694154787062,-75.66130120307207 | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 9,2         | 5,01-10,00 mts  |
| Palma cubana       | 4.846541720434601,-75.66150608678558  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 7,2         | 5,01-10,00 mts  |
| Benjamin careado   | 4.8465412627158074,-75.6615174561739  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 3,8         | 2,01-5,00 mts   |
| Palma cubana       | 4.846348720602283,-75.66155735403301  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 10,5        | 10,01-15,00 mts |
| Palma cubana       | 4.846181345191535,-75.66166765987873  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 9           | 5,01-10,00 mts  |
| Palma cubana       | 4.846115531614621,-75.66171023994684  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 11          | 10,01-15,00 mts |
| Palma cubana       | 4.846051411164836,-75.66173069179058  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 0,11-11,00  | 10,01-15,00 mts |
| Benjamin careado   | 4.84602847495089,-75.66175483167171   | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 9,2         | 5,01-10,00 mts  |
| Benjamin careado   | 4.8449210363489435,-75.66180478781462 | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 6,5         | 5,01-10,00 mts  |
| Guamo santafereño  | 4.846541720434601,-75.66150608678558  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 14,6        | 10,01-15,00 mts |
| Benjamin careado   | 4.84488635868771,-75.66182691603899   | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 7,2         | 5,01-10,00 mts  |
| Benjamin careado   | 4.844850293885091,-75.661836321829    | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 7,2         | 5,01-10,00 mts  |
| Palma cubana       | 4.8448512760028205,-75.66186513751744 | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 14,8        | 10,01-15,00 mts |
| Benjamin careado   | 4.844840919583922,-75.66184233674083  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 6,5         | 5,01-10,00 mts  |
| Benjamin careado   | 4.844759825728488,-75.66188760101796  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 7,6         | 5,01-10,00 mts  |
| Palma cubana       | 4.8439435895687382,-75.66235831704433 | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 11          | 10,01-15,00 mts |
| Benjamin careado   | 4.843941246372778,-75.66237207502125  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 0,54-5,4    | 5,01-10,00 mts  |
| Benjamin careado   | 4.843930888934489,-75.66237678868704  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 5,8         | 5,01-10,00 mts  |
| Palma cubana       | 4.8437995970094905,-75.66244918853045 | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 13,8        | 10,01-15,00 mts |
| Benjamin careado   | 4.843796189136478,-75.6624686345458   | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 6,2         | 5,01-10,00 mts  |
| Benjamin careado   | 4.843702046019653,-75.66250349743462  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 2,4         | 2,01-5,00 mts   |
| Palma cubana       | 4.843726767844198,-75.66251369882293  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 12          | 10,01-15,00 mts |
| Benjamin careado   | 4.843595140800734,-75.66249344497919  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 5           | 2,01-5,00 mts   |
| Benjamin careado   | 4.843607501717086,-75.66260978579521  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 6           | 5,01-10,00 mts  |
| Palma cubana       | 4.843587791066936,-75.66257122904062  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 6,8         | 5,01-10,00 mts  |
| Palma cubana       | 4.843529327269405,-75.6626359373331   | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 11          | 10,01-15,00 mts |
| Benjamin careado   | 4.843432778473276,-75.6626597138586   | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 5           | 2,01-5,00 mts   |
| Palma cubana       | 4.843404059421735,-75.66267013549805  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 12          | 10,01-15,00 mts |
| Palma cubana       | 4.8418693466202655,-75.6636220313072  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 9,5         | 5,01-10,00 mts  |
| Benjamin careado   | 4.841896325462058,-75.66358041018246  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 10,4        | 10,01-15,00 mts |
| Cartagüeno         | 4.84176739309103,-75.66360486533974   | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 8,6         | 5,01-10,00 mts  |
| Benjamin careado   | 4.841765054532021,-75.66363472491503  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 10,2        | 10,01-15,00 mts |
| Palma cubana       | 4.84169289330713,-75.66362856940117   | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 6,2         | 5,01-10,00 mts  |
| Benjamin careado   | 4.841651133335486,-75.6637192564616   | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 6,8         | 5,01-10,00 mts  |
| Benjamin careado   | 4.84329580610083,-75.66277205944063   | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 9,5         | 5,01-10,00 mts  |
| Palma cubana       | 4.843408058639994,-75.66271506249605  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 11          | 10,01-15,00 mts |
| Benjamin careado   | 4.843364292324653,-75.66271271556614  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 6,3         | 5,01-10,00 mts  |
| Palma cubana       | 4.843305828478141,-75.66272679716349  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 10,5        | 10,01-15,00 mts |
| Benjamin careado   | 4.843284447423983,-75.66275898367167  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 6,4         | 5,01-10,00 mts  |
| Benjamin careado   | 4.843222676889505,-75.6627797079153   | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 7,8         | 5,01-10,00 mts  |
| Palma cubana       | 4.843273422817667,-75.66276602447033  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 9,5         | 5,01-10,00 mts  |
| Palma cubana       | 4.843207278176007,-75.66279619349337  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 8           | 5,01-10,00 mts  |
| Benjamin careado   | 4.843177542143048,-75.66280726343393  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 5,6         | 5,01-10,00 mts  |
| Benjamin careado   | 4.843141796888974,-75.66286727786064  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 0,12-12     | 0,00-2,00 mts   |
| Guayabo dulce      | 4.843117407915095,-75.66285866068134  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 0,79-7,8    | 0,00-2,00 mts   |
| Palma cubana       | 4.8430489217045265,-75.66288270056248 | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 7,2         | 5,01-10,00 mts  |
| Palma cubana       | 4.84301417747799,-75.66292829811573   | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 9,2         | 5,01-10,00 mts  |
| Palma cubana       | 4.842946359415248,-75.66294740885496  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 8,7         | 5,01-10,00 mts  |
| Palma cubana       | 4.842911281104269,-75.66298361987666  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 14          | 10,01-15,00 mts |
| Palma cubana       | 4.842848474219106,-75.66300339968815  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 9,5         | 5,01-10,00 mts  |
| Benjamin careado   | 4.842830433942501,-75.66301513463259  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 4,6         | 2,01-5,00 mts   |
| Palma cubana       | 4.842794353387852,-75.66303726286596  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 13          | 10,01-15,00 mts |
| Palma cubana       | 4.842763952178266,-75.6630749599218   | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 14          | 10,01-15,00 mts |
| Palma cubana       | 4.842672080382791,-75.663090239448502 | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 8,4         | 5,01-10,00 mts  |
| Benjamin careado   | 4.842630986630217,-75.66314119845629  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 9           | 5,01-10,00 mts  |
| Palma cubana       | 4.842590230954468,-75.66315360367298  | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 11,5        | 10,01-15,00 mts |
| Palma cubana       | 4.842502368087743,-75.6632122769952   | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 14,5        | 10,01-15,00 mts |
| Benjamin careado   | 4.8423667729614529,-75.66328335553408 | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 9,5         | 5,01-10,00 mts  |
| Benjamin careado   | 4.84234882387956,-75.6632660615446    | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 8           | 5,01-10,00 mts  |
| Palma cubana       | 4.842261496824231,-75.6633460521698   | Santa Teresita - AV, SIMON BOLIVAR | Palma      | 9           | 5,01-10,00 mts  |
| Benjamin careado   | 4.842126194620547,-75.66342405678349  | Santa Teresita - AV, SIMON BOLIVAR | arbol      | 8,8         | 5,01-10,00 mts  |
| Palma quency       | 4.8349N - 75.6816W                    | Sta Isabel                         | Palma      | 4,4         | 0,00-5,00 mts   |
| Palma quency       | 4.8349N - 75.6816W                    | Sta Isabel                         | Palma      | 3,8         | 0,00-5,00 mts   |
| Palma Areca        | 48280 - 75.6896                       | Tadaina                            | Palma      | 1,2         | 0,00-5,00 mts   |
| Palma Areca        | 48281 - 75.6897                       | Tadaina                            | Palma      | 1,3         | 0,00-5,00 mts   |
| Palma Areca        | 48281 - 75.6897                       | Tadaina                            | Palma      | 1,2         | 0,00-5,00 mts   |
| Palma Areca        | 48281 - 75.6898                       | Tadaina                            | Palma      | 1,1         | 0,00-5,00 mts   |
| Palma Areca        | 48282 - 75.6898                       | Tadaina                            | Palma      | 1           | 0,00-5,00 mts   |
| Palma Areca        | 48282 - 75.6898                       | Tadaina                            | Palma      | 0,8         | 0,00-5,00 mts   |
| Palma Areca        | 48283 - 75.6899                       | Tadaina                            | Palma      | 0,6         | 0,00-5,00 mts   |
| Palma Areca        | 48284 - 75.6899                       | Tadaina                            | Palma      | 1           | 0,00-5,00 mts   |
| Almendro           | 4.821351473371334,-75.68363629281521  | Valher                             | arbol      | 3,2         | 2,01-5,00 mts   |
| Almendro           | 4.821370182399016,-75.68367920815945  | Valher                             | arbol      | 4           | 2,01-5,00 mts   |
| Almendro           | 4.82138652798205,-75.6837372108294    | Valher                             | arbol      | 5,5         | 5,01-10,00 mts  |
| Almendro           | 4.821399582299147,-75.68379521369934  | Valher                             | arbol      | 4,2         | 2,01-5,00 mts   |
| Almendro           | 4.821421966312995,-75.68384047597647  | Valher                             | arbol      | 5,2         | 5,01-10,00 mts  |
| Almendro           | 4.821446688954311,-75.68389546126127  | Valher                             | arbol      | 4,6         | 2,01-5,00 mts   |
| Palma zancana      | 4.822919689026876,-75.68340428173542  | Valher                             | Palma      | 4,8-6,80    | 2,01-5,00 mts   |
| Palma zancana      | 4.8229811614032,-75.68338315933944    | Valher                             | Palma      | 3,2-5,20    | 2,01-5,00 mts   |
| Palma zancana      | 4.823051654175707,-75.68335130810738  | Valher                             | Palma      | 18          | 15,01-28,00 mts |
| Palma zancana      | 4.823106110672677,-75.68332448801723  | Valher                             | Palma      | 13          | 10,01-15,00 mts |
| Palma zancana      | 4.823231728096898,-75.6832859398651   | Valher                             | Palma      | 7,2         | 5,01-10,00 mts  |
| Acacia amarilla    | 4.822977486424334,-75.68353839218616  | Valher                             | arbol      | 4,6         | 2,01-5,00 mts   |
| Acacia amarilla    | 4.823014570301026,-75.68352263420819  | Valher                             | arbol      | 2,2-3,20    | 2,01-5,00 mts   |
| Acacia amarilla    | 4.823088403959428,-75.68348474800587  | Valher                             | arbol      | 9,7         | 5,01-10,00 mts  |
| Palma areca        | 4.8233279468827,-75.68327654153109    | Valher                             | Palma      | 6,2         | 5,01-10,00 mts  |
| Palma mania        | 4.823361688652275,-75.68328693509102  | Valher                             | Palma      | 4,5         | 2,01-5,00 mts   |
| Palma mania        | 4.823405120194798,-75.68327050665608  | Valher                             | Palma      | 4,9         | 2,01-5,00 mts   |
| Palma mania        | 4.823400777040667,-75.68326447159052  | Valher                             | Palma      | 4,1         | 2,01-5,00 mts   |
| Acacia amarilla    | 4.823405120194798,-75.68336941301823  | Valher                             | arbol      | 7,5         | 5,01-10,00 mts  |
| Acacia amarilla    | 4.823546103378348,-75.68332817405462  | Valher                             | arbol      | 5,6         | 5,01-10,00 mts  |
| Acacia amarilla    | 4.823586196288313,-75.68329598754644  | Valher                             | arbol      | 4,2         | 2,01-5,00 mts   |
| Acacia amarilla    | 4.823568823675278,-75.68329866975546  | Valher                             | arbol      | 4,7         | 2,01-5,00 mts   |
| Acacia amarilla    | 4.82367339343053,-75.68326413631439   | Valher                             | arbol      | 4,5         | 2,01-5,00 mts   |
| Acacia amarilla    | 4.823674051607819,-75.68325877189636  | Valher                             | arbol      | 6           | 5,01-10,00 mts  |
| Acacia amarilla    | 4.823764933713342,-75.68320211023092  | Valher                             | arbol      | 3,8         | 2,01-5,00 mts   |
| Higuero            | 4.82394930599013,-75.6831032037735    | Valher                             | arbol      | 2,1 - 4,10  | 2,01-5,00 mts   |
| Tulipan africano   | 4.82413877875485,-75.68300590314445   | Valher                             | arbol      | 9,8 - 10,80 | 5,01-10,00 mts  |
| Tulipan africano   | 4.824184882954839,-75.6829990303895   | Valher                             | arbol      | 13,2        | 10,01-15,00 mts |
| Almendro           | 4.824333218186696,-75.6828762218356   | Valher                             | arbol      | 5,7 - 5,70  | 5,01-10,00 mts  |
| Palma de coco      | 4.82434758839335,-75.68287052214146   | Valher                             | Palma      | 3,4         | 2,01-5,00 mts   |
| Casco de vaca      | 4.824437119649654,-75.68281151354313  | Valher                             | arbol      | 10          | 5,01-10,00 mts  |
| Milionario careado | 4.824496230519596,-75.68279435617685  | Valher                             | arbol      | 4,3         | 2,01-5,00 mts   |
| Mango              | 4.824569084499532,-75.6827802878754   | Valher                             | arbol      | 11          | 10,01-15,00 mts |
| Guayacan rosado    | 4.824518971266905,-75.68276088584799  | Valher                             | arbol      | 12          | 10,01-15,00 mts |
| Carbonero zorro    | 4.824522312149198,-75.68270925432444  | Valher                             | arbol      | 2,0 - 3,0   | 0,00-2,00 mts   |
| Carbonero zorro    | 4.824607170553851,-75.682712670897    | Valher                             | arbol      | 6,5         | 5,01-10,00 mts  |
| Francesina         | 4.82436363255495,-75.68273305882946   | Valher                             | Arbusto    | 6,7         | 5,01-10,00 mts  |
| Francesina         | 4.824425780544369,-75.68271962457085  | Valher                             | Arbusto    | 6           | 5,01-10,00 mts  |
| Acacia amarilla    | 4.824574095622594,-75.68276826292278  | Valher                             | arbol      | 4,8         | 2,01-5,00 mts   |
| Acacia amarilla    | 4.824667351713868,-75.6826965138316   | Valher                             | arbol      | 3,3         | 2,01-5,00 mts   |
| Acacia amarilla    | 4.82474414669549,-75.68267874419689   | Valher                             | arbol      | 3,8         | 2,01-5,00 mts   |



# SERVICIUDAD ESP

Empresa Industrial y Comercial del Estado  
NIT. 816.001.609-1  
NUIR 1-661700002



Vigilado  
Superservicios

| DOM_COM               | COORDENADA                             | BARRIO | HAB_CRECIA | H_mts_1     | Rango_mts       |
|-----------------------|--|--------|------------|-------------|-----------------|
| Acacia amarilla       | 4.824796596264867,-75.68261306504631   | Valher | arbol      | 5,3         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.824764860159539,-75.68267706781626   | Valher | arbol      | 6,8         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.824811298405094,-75.68262476474047   | Valher | arbol      | 7,9         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.82493304548524,-75.68257045000792    | Valher | arbol      | 5,7         | 5,01-10,00 mts  |
| Almendro              | 4.824821213376466,-75.68255569785833   | Valher | arbol      | 0,82 - 3,20 | 0,00-2,00 mts   |
| Mango                 | 4.824894056167874,-75.68258265522461   | Valher | arbol      | 3,5         | 2,01-5,00 mts   |
| Samán                 | 4.8245991524373295,-75.68271797150375  | Valher | arbol      | 11,2        | 10,01-15,00 mts |
| Acacia amarilla       | 4.824673320011545,-75.682682076751043  | Valher | arbol      | 12          | 10,01-15,00 mts |
| Palma quency          | 4.82475951474978,-75.68279810249805    | Valher | Palma      | 7,9         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.825088591459813,-75.68242829293013   | Valher | arbol      | 9,8         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.825025782522391,-75.68236190625701   | Valher | arbol      | 10          | 5,01-10,00 mts  |
| Acacia amarilla       | 4.825127679748781,-75.68222891183672   | Valher | arbol      | 22          | 15,01-28,00 mts |
| Acacia amarilla       | 4.825305414504404,-75.68232268095016   | Valher | arbol      | 6           | 2,01-5,00 mts   |
| Palma robelini        | 4.824878784195101,-75.68220030516386   | Valher | Palma      | 4,8         | 2,01-5,00 mts   |
| Palma yuca            | 4.824823993752342,-75.68222913891077   | Valher | Arbusto    | 9,2         | 5,01-10,00 mts  |
| Palma yuca            | 4.824798580414863,-75.68218991160393   | Valher | Arbusto    | 10          | 5,01-10,00 mts  |
| Mango                 | 4.824695703917494,-75.68187978118658   | Valher | arbol      | 11,8        | 10,01-15,00 mts |
| Palma areca           | 4.82397774811878,-75.68233206868173    | Valher | Palma      | 2,8 - 3,8   | 2,01-5,00 mts   |
| Palma areca           | 4.82378654003601,-75.68284470587969    | Valher | Palma      | 6,4         | 5,01-10,00 mts  |
| Aguate                | 4.823986768508118,-75.68169303238392   | Valher | arbol      | 7,3         | 5,01-10,00 mts  |
| Pino azul             | 4.823932646170299,-75.68170610815287   | Valher | arbol      | 5,3         | 5,01-10,00 mts  |
| Francesina            | 4.82393646239442,-75.68177148689976    | Valher | Arbusto    | 6,4         | 5,01-10,00 mts  |
| Palma areca           | 4.823551785152506,-75.68242996931076   | Valher | Palma      | 11          | 10,01-15,00 mts |
| Palma areca           | 4.823520714902136,-75.68245276808739   | Valher | Palma      | 10,5        | 10,01-15,00 mts |
| Araucaria             | 4.823333993281364,-75.68260096013545   | Valher | arbol      | 4,6         | 2,01-5,00 mts   |
| Araucaria             | 4.823284848224076,-75.68261604756117   | Valher | arbol      | 4,7         | 2,01-5,00 mts   |
| Francesina            | 4.823302889021045,-75.6822289793079    | Valher | Arbusto    | 3,2         | 2,01-5,00 mts   |
| Palma areca           | 4.823298546862645,-75.68318367004395   | Valher | Palma      | 9           | 5,01-10,00 mts  |
| Palma areca           | 4.823290527734296,-75.68310521543026   | Valher | Palma      | 5,2         | 5,01-10,00 mts  |
| Palma yuca            | 4.823282843691052,-75.68297747522593   | Valher | Arbusto    | 6,8         | 5,01-10,00 mts  |
| Araucaria             | 4.823240414407286,-75.68268075585365   | Valher | arbol      | 2,8 - 3,80  | 2,01-5,00 mts   |
| Palma zanonca         | 4.823000872653124,-75.6821996346116    | Valher | Palma      | 16          | 15,01-28,00 mts |
| Palma zanonca         | 4.821030413008975,-75.6798067688942    | Valher | Palma      | 20          | 15,01-28,00 mts |
| Palma zanonca         | 4.822375123711129,-75.6813578875048    | Valher | Palma      | 20          | 15,01-28,00 mts |
| Palma zanonca         | 4.822596288514068,-75.68218421190977   | Valher | Palma      | 17          | 15,01-28,00 mts |
| Palma zanonca         | 4.822551866919753,-75.68289499729872   | Valher | Palma      | 10,5        | 10,01-15,00 mts |
| Palma zanonca         | 4.822515775285433,-75.68276021629572   | Valher | Palma      | 5,4         | 5,01-10,00 mts  |
| Palma zanonca         | 4.822500741270563,-75.682688612027168  | Valher | Palma      | 11          | 10,01-15,00 mts |
| Palma zanonca         | 4.822424589823458,-75.68254865705967   | Valher | Palma      | 9,5         | 5,01-10,00 mts  |
| Guayabo dulce         | 4.822339376158713,-75.68233319107771   | Valher | arbol      | 11          | 10,01-15,00 mts |
| Guayacan de manizales | 4.822294274099406,-75.6824105232954    | Valher | arbol      | 5,1         | 5,01-10,00 mts  |
| Casco de vaca         | 4.822447621082039,-75.6820759177208    | Valher | arbol      | 12          | 10,01-15,00 mts |
| Guayacan rosado       | 4.822537491084092,-75.6821671128273    | Valher | arbol      | 15          | 10,01-15,00 mts |
| Pino coccapa          | 4.820971279085929,-75.68073682487011   | Valher | arbol      | 7           | 5,01-10,00 mts  |
| Casco de vaca         | 4.822465661901247,-75.6819649413228    | Valher | arbol      | 8,9         | 5,01-10,00 mts  |
| Hijeron               | 4.822459648294899,-75.68196125328541   | Valher | arbol      | 11          | 10,01-15,00 mts |
| Casco de vaca         | 4.822464659633633,-75.68183797167072   | Valher | arbol      | 13          | 10,01-15,00 mts |
| Urapán                | 4.8224466188143,-75.68163301798721     | Valher | arbol      | 8           | 5,01-10,00 mts  |
| Pino libro            | 4.822461652830365,-75.68162497133015   | Valher | arbol      | 2,3         | 2,01-5,00 mts   |
| Guayabo dulce         | 4.822466641688735,-75.68160116672516   | Valher | arbol      | 6,8         | 5,01-10,00 mts  |
| Palma quency          | 4.822533482013631,-75.68166486918926   | Valher | Palma      | 6,3         | 5,01-10,00 mts  |
| Palma quency          | 4.82252813668963015,-75.68161357194185 | Valher | Palma      | 7,6         | 5,01-10,00 mts  |
| Dracena               | 4.822518113909938,-75.6814784566273    | Valher | Arbusto    | 9,2         | 5,01-10,00 mts  |
| Almendro              | 4.822506754876554,-75.68148784339428   | Valher | arbol      | 6           | 5,01-10,00 mts  |
| Benjamín              | 4.8225237934265595,-75.68146705627441  | Valher | arbol      | 8           | 5,01-10,00 mts  |
| Eucalipto             | 4.822527373074219,-75.68145766854286   | Valher | arbol      | 10          | 5,01-10,00 mts  |
| Palma areca           | 4.823006218077625,-75.68164642908797   | Valher | Palma      | 9,4         | 5,01-10,00 mts  |
| Palma areca           | 4.822973811445456,-75.68148415535688   | Valher | Palma      | 10          | 5,01-10,00 mts  |
| Araucaria             | 4.822984836382041,-75.68150494247675   | Valher | arbol      | 3,8         | 2,01-5,00 mts   |
| Palma mania           | 4.822990515894756,-75.68152640014887   | Valher | Palma      | 5,7         | 5,01-10,00 mts  |
| Palma areca           | 4.8230212520804,-75.68168967962265     | Valher | Palma      | 4,7         | 2,01-5,00 mts   |
| Palma areca           | 4.823006218077625,-75.68164642900027   | Valher | Palma      | 6           | 5,01-10,00 mts  |
| Pino patula           | 4.822963454686882,-75.68165883421898   | Valher | arbol      | 5,5         | 5,01-10,00 mts  |
| Guayacan rosado       | 4.822969134199676,-75.68171214312315   | Valher | arbol      | 10          | 5,01-10,00 mts  |
| Mango                 | 4.822968466021587,-75.68172287195921   | Valher | arbol      | 8           | 5,01-10,00 mts  |
| Palma lucubensis      | 4.822969482886563,-75.6817539374352    | Valher | Palma      | 0,15-15     | 0,00-2,00 mts   |
| Palma real            | 4.823358681853077,-75.68152539432049   | Valher | Palma      | 8           | 5,01-10,00 mts  |
| Guamo santafereño     | 4.822964791042658,-75.68207424134017   | Valher | arbol      | 7,7         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.822934366273099,-75.68194381893681   | Valher | arbol      | 12          | 10,01-15,00 mts |
| Mango                 | 4.822894298261131,-75.68190993272449   | Valher | arbol      | 8           | 5,01-10,00 mts  |
| Palma quency          | 4.822537825173296,-75.68189319223166   | Valher | Palma      | 5           | 2,01-5,00 mts   |
| Palma quency          | 4.822544172868161,-75.68189520388842   | Valher | Palma      | 7,5         | 5,01-10,00 mts  |
| Palma quency          | 4.82244428018954,-75.68047530949116    | Valher | Palma      | 7           | 5,01-10,00 mts  |
| Limon mandarina       | 4.821023063030113,-75.68293657153843   | Valher | arbol      | 4           | 2,01-5,00 mts   |
| Palma robelini        | 4.822211754031243,-75.6821939964132    | Valher | Palma      | 2,8         | 2,01-5,00 mts   |
| Palma quency          | 4.822061413800329,-75.68219235853682   | Valher | Palma      | 10          | 5,01-10,00 mts  |
| Pino libro            | 4.821923434847982,-75.68199343979359   | Valher | arbol      | 2,2         | 2,01-5,00 mts   |
| Palma quency          | 4.821860291928235,-75.681843906641     | Valher | Palma      | 9,6         | 5,01-10,00 mts  |
| Palma quency          | 4.821893366791703,-75.68176042288542   | Valher | Palma      | 12,5        | 10,01-15,00 mts |
| Palma quency          | 4.821928448490876,-75.68183921277523   | Valher | Palma      | 8,6         | 5,01-10,00 mts  |
| Palma areca           | 4.8220711023939695,-75.68176042288542  | Valher | Palma      | 11,8        | 10,01-15,00 mts |
| Palma areca           | 4.822591613631028,-75.68137183796439   | Valher | Palma      | 7           | 5,01-10,00 mts  |
| Palma quency          | 4.822441607475538,-75.68134568631649   | Valher | Palma      | 10          | 5,01-10,00 mts  |
| Palma quency          | 4.821746033296643,-75.68005799071321   | Valher | Palma      | 10          | 5,01-10,00 mts  |
| Casco de vaca         | 4.822212088120612,-75.68134803324938   | Valher | arbol      | 3,4         | 2,01-5,00 mts   |
| Casco de vaca         | 4.822244160898885,-75.68131819367409   | Valher | arbol      | 3,2         | 2,01-5,00 mts   |
| Casco de vaca         | 4.8222084131375995,-75.68116832524538  | Valher | arbol      | 3,3         | 2,01-5,00 mts   |
| Palma mania           | 4.8223300216562,-75.68090748041868     | Valher | Palma      | 6,4         | 5,01-10,00 mts  |
| Palma mania           | 4.822337037531598,-75.68084847182035   | Valher | Palma      | 5,9         | 5,01-10,00 mts  |
| Palma mania           | 4.822301958153835,-75.68071771413088   | Valher | Palma      | 4,6         | 2,01-5,00 mts   |
| Palma mania           | 4.822301958153835,-75.68067077547312   | Valher | Palma      | 4,2         | 2,01-5,00 mts   |
| Casco de vaca         | 4.822305406333274,-75.68068787456559   | Valher | arbol      | 0,26-2,6    | 2,01-5,00 mts   |
| Aguate                | 4.821899714492573,-75.6806680932641    | Valher | arbol      | 7,2         | 5,01-10,00 mts  |
| Guayabo dulce         | 4.821842585182494,-75.68066842854023   | Valher | arbol      | 6,5         | 5,01-10,00 mts  |
| Almendro              | 4.821387689157295,-75.6806667521596    | Valher | arbol      | 9,5         | 5,01-10,00 mts  |
| Aguate                | 4.821293007655978,-75.6805910994904    | Valher | arbol      | 7,3 - 9,30  | 5,01-10,00 mts  |
| Palma areca           | 4.821514843258134,-75.68121352279863   | Valher | Palma      | 4,2         | 2,01-5,00 mts   |
| Palma yuca            | 4.82140826863297,-75.68193208426236    | Valher | Arbusto    | 11          | 10,01-15,00 mts |
| Carbonero rosado      | 4.821294678104965,-75.68191397935152   | Valher | arbol      | 11,7        | 10,01-15,00 mts |
| Limon mandarina       | 4.821231536126761,-75.68182962504368   | Valher | arbol      | 3,9         | 2,01-5,00 mts   |
| Palma yuca            | 4.821248907798603,-75.68182714263466   | Valher | Arbusto    | 8,8         | 5,01-10,00 mts  |
| Mango                 | 4.821114937760081,-75.68144058946039   | Valher | arbol      | 9,9         | 5,01-10,00 mts  |
| Palma yuca            | 4.821103912793154,-75.68134275654554   | Valher | Arbusto    | 10,2        | 10,01-15,00 mts |
| Palma yuca            | 4.821107587782147,-75.6812269986758    | Valher | Arbusto    | 10,6        | 10,01-15,00 mts |
| Aguate                | 4.82108014701263,-75.6808840110898     | Valher | arbol      | 11,6        | 10,01-15,00 mts |
| Palma areca           | 4.820610461816883,-75.6808803230524    | Valher | Palma      | 6,8         | 5,01-10,00 mts  |
| Palma areca           | 4.820622489062274,-75.68094100803137   | Valher | Palma      | 5,9         | 5,01-10,00 mts  |
| Pino libro            | 4.820622489062274,-75.68097854730083   | Valher | Palma      | 7,6         | 5,01-10,00 mts  |
| Palma quency          | 4.820627500414445,-75.6809968135357    | Valher | Palma      | 7,6         | 5,01-10,00 mts  |
| Mango                 | 4.820581061882805,-75.68152204155922   | Valher | arbol      | 9,7         | 5,01-10,00 mts  |
| Palma areca           | 4.820593089128718,-75.6816349433784    | Valher | Palma      | 10,5        | 10,01-15,00 mts |
| Palma yuca            | 4.820601107292542,-75.68166118115187   | Valher | Arbusto    | 8,1         | 5,01-10,00 mts  |
| Palma areca           | 4.82033016012098,-75.68165112286806    | Valher | Palma      | 7,2         | 5,01-10,00 mts  |



| NOM_COM          | COORDENADA                            | BARRIO | HAB_CRECIA | H_mts_1  | Rango_alfa      |
|------------------|---------------------------------------|--------|------------|----------|-----------------|
| Palma areca      | 4.82020887605759,-75.68152908235788   | Valher | Palma      | 5,6      | 5,01-10,00 mts  |
| Acacia amarilla  | 4.820047519676428,-75.6814295053482   | Valher | arbol      | 6,5      | 5,01-10,00 mts  |
| Acacia amarilla  | 4.819979031134944,-75.68148650238977  | Valher | arbol      | 0.68-6.8 | 0,00-2,00 mts   |
| Acacia amarilla  | 4.819902858505077,-75.68156730383633  | Valher | arbol      | 7,2      | 5,01-10,00 mts  |
| Acacia amarilla  | 4.819838044844865,-75.68162932991962  | Valher | arbol      | 0.52-5.2 | 0,00-2,00 mts   |
| Acacia amarilla  | 4.819782251823657,-75.68168263882399  | Valher | arbol      | 0.62-6.2 | 0,00-2,00 mts   |
| Palma areca      | 4.819778910918042,-75.68171750754118  | Valher | Palma      | 6,4      | 5,01-10,00 mts  |
| Carbonero rosado | 4.819539702033875,-75.68170309066771  | Valher | arbol      | 2,6      | 2,01-5,00 mts   |
| Carbonero rosado | 4.819516315688942,-75.68171482533216  | Valher | arbol      | 3,8      | 2,01-5,00 mts   |
| Palma areca      | 4.819576320866147,-75.68179327994585  | Valher | Palma      | 8        | 5,01-10,00 mts  |
| Acacia amarilla  | 4.819904528957573,-75.68193644285302  | Valher | arbol      | 4,2      | 2,01-5,00 mts   |
| Acacia amarilla  | 4.819946958449717,-75.68195756534801  | Valher | arbol      | 6,2      | 5,01-10,00 mts  |
| Acacia amarilla  | 4.819928583473139,-75.6819773465395   | Valher | arbol      | 6,4      | 5,01-10,00 mts  |
| Palma areca      | 4.819975022049369,-75.681978687644    | Valher | Palma      | 3,6      | 2,01-5,00 mts   |
| Acacia amarilla  | 4.820036160601735,-75.6820735707879   | Valher | arbol      | 5,8      | 5,01-10,00 mts  |
| Palma areca      | 4.8200795923568975,-75.68210240453482 | Valher | Palma      | 5,4      | 5,01-10,00 mts  |
| Acacia amarilla  | 4.82013338091138,-75.6821446493068    | Valher | arbol      | 5        | 2,01-5,00 mts   |
| Palma areca      | 4.820117010482216,-75.68211782723665  | Valher | Palma      | 5,5      | 5,01-10,00 mts  |
| Acacia amarilla  | 4.820148080888066,-75.68218287080526  | Valher | arbol      | 6,8      | 5,01-10,00 mts  |
| Acacia amarilla  | 4.820182452196537,-75.6822304801528   | Valher | arbol      | 7        | 5,01-10,00 mts  |
| Palma areca      | 4.820417357681211,-75.68223919719488  | Valher | Palma      | 11       | 10,00-15,00 mts |
| Dracena          | 4.820120017295764,-75.68397156894207  | Valher | Artusto    | 9,5      | 5,01-10,00 mts  |
| Croto            | 4.820058544660517,-75.6839283183217   | Valher | Artusto    | 3,2      | 2,01-5,00 mts   |
| Palma areca      | 4.819860429010173,-75.68389512598515  | Valher | Palma      | 8,9      | 5,01-10,00 mts  |
| Palma areca      | 4.819890831246951,-75.68394742906094  | Valher | Palma      | 6,6      | 5,01-10,00 mts  |
| Palma areca      | 4.819541706577954,-75.68351234064827  | Valher | Palma      | 5,2      | 5,01-10,00 mts  |
| Palma Areca      | 4.82299382-75.68171782                | Valher | Palma      | 6        | 5,01-15,00 mts  |
| Palma Areca      | 4.82256596-75.68209302                | Valher | Palma      | 6        | 5,01-15,00 mts  |
| Palma Areca      | 4.8225835-75.68178588                 | Valher | Palma      | 6        | 5,01-15,00 mts  |
| Palma Manila     | 4.82259203-75.6822627                 | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82258582-75.68226874                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82256578-75.68227712                | Valher | Palma      | 4        | 0,00-5,00 mts   |
| Palma Manila     | 4.82253894-75.6822956                 | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82250574-75.68227987                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82251407-75.68228329                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82248968-75.68231275                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82248309-75.68232543                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Areca      | 4.82031103-75.68265707                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Areca      | 4.82026198-75.68152634                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Areca      | 4.82029159-75.68155097                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82246832-75.68236398                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82247003-75.68236974                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82245939-75.68240728                | Valher | Palma      | 4        | 0,00-5,00 mts   |
| Palma Manila     | 4.82246692-75.68243408                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82242563-75.68252222                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82260505-75.68291686                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.8226212-75.68293559                 | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82264441-75.68295676                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82263731-75.68298405                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.8226753-75.68305264                 | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82266989-75.68307162                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.82267981-75.68313364                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Palma Manila     | 4.8225-75.6822                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8226-75.6822                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8225-75.6822                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8226-75.6822                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8225-75.6822                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8225-75.6823                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8224-75.6822                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8224-75.6823                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8224-75.6824                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8224-75.6824                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8224-75.6825                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Areca      | 4.8222-75.6818                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Areca      | 4.8221-75.6821                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8226-75.6831                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8223-75.6832                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8223-75.6832                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Manila     | 4.8222-75.6832                        | Valher | Palma      | 2        | 0,00-5,00 mts   |
| Palma Areca      | 4.8264-75.6835                        | Valher | Palma      | 4        | 0,00-5,00 mts   |
| Palma Corazo     | 4.8220-75.6814                        | Valher | Palma      | 4        | 0,00-5,00 mts   |
| Palma Areca      | 4.82031103-75.68265707                | Valher | Palma      | 3        | 0,00-5,00 mts   |
| Aguacate         | 4.8230-75.6820                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Dracena          | 4.8230-75.6820                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Milionario       | 4.8230-75.6818                        | Valher | arbol      | 3        | 0,00-5,00 mts   |
| Carbonero        | 4.8230-75.6818                        | Valher | arbol      | 1        | 0,00-5,00 mts   |
| Aguacate         | 4.8230-75.6818                        | Valher | arbol      | 1        | 0,00-5,00 mts   |
| Guayacan rosado  | 4.8230-75.6816                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Dracena          | 4.8223-75.6816                        | Valher | arbol      | 3        | 0,00-5,00 mts   |
| Palma Yuca       | 4.8223-75.6816                        | Valher | Artusto    | 2        | 0,00-5,00 mts   |
| Palma Yuca       | 4.8223-75.6818                        | Valher | Artusto    | 4        | 0,00-5,00 mts   |
| Mandarino        | 4.8220-75.6815                        | Valher | arbol      | 4        | 0,00-5,00 mts   |
| Mandarino        | 4.8220-75.6815                        | Valher | arbol      | 5        | 0,00-5,00 mts   |
| Croto            | 4.8221-75.6817                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Dracena          | 4.8219-75.6818                        | Valher | arbol      | 4        | 0,00-5,00 mts   |
| Francesina       | 4.8219-75.6818                        | Valher | arbol      | 3        | 0,00-5,00 mts   |
| Pino Libro       | 4.8219-75.6818                        | Valher | arbol      | 3        | 0,00-5,00 mts   |
| Dracena          | 4.8219-75.6821                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Francesina       | 4.8221-75.6821                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Francesina       | 4.8221-75.6813                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Francesina       | 4.8224-75.6823                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Francesina       | 4.8224-75.6824                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Francesina       | 4.8224-75.6824                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Francesina       | 4.8224-75.6825                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Francesina       | 4.8224-75.6825                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Francesina       | 4.8183-75.6860                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Francesina       | 4.8224-75.6826                        | Valher | arbol      | 2        | 0,00-5,00 mts   |
| Palma Yuca       | 4.8222-75.6832                        | Valher | Artusto    | 2        | 0,00-5,00 mts   |
| Araucaria        | 4.8231-75.6827                        | Valher | arbol      | 3        | 0,00-5,00 mts   |
| Almendro         | 4.8226-75.6819                        | Valher | arbol      | 3        | 0,00-5,00 mts   |
| Almendro         | 4.8225-75.6820                        | Valher | arbol      | 3        | 0,00-5,00 mts   |
| Pino             | 4.8225-75.6820                        | Valher | arbol      | 3        | 0,00-5,00 mts   |
| Limon            | 4.8227-75.6818                        | Valher | arbol      | 3        | 0,00-5,00 mts   |
| Guayacan rosado  | 4.8223-75.6811                        | Valher | arbol      | 5        | 0,00-5,00 mts   |
| Guayacan rosado  | 4.8223-75.6811                        | Valher | arbol      | 3        | 0,00-5,00 mts   |
| Palma Corazo     | 4.8223-75.6805                        | Valher | Palma      | 5        | 0,00-5,00 mts   |
| Aguacate         | 4.8223-75.6805                        | Valher | arbol      | 5        | 0,00-5,00 mts   |
| Mango            | 4.8224-75.6805                        | Valher | arbol      | 3        | 0,00-5,00 mts   |
| Aguacate         | 4.8224-75.6805                        | Valher | arbol      | 6        | 5,01-15,00 mts  |
| Aguacate         | 4.8223-75.6804                        | Valher | arbol      | 5        | 0,00-5,00 mts   |
| Guanoabano       | 4.8215-75.6811                        | Valher | arbol      | 4        | 0,00-5,00 mts   |

| NOM_COM           | COORDENADA                           | BARRIO                         | HAB_CRECIM | H_mts_1     | Rango_afia     |
|-------------------|--------------------------------------|--------------------------------|------------|-------------|----------------|
| Franciscina       | 4.8205-75.6810                       | Valher                         | arbol      | 2           | 0,00-5,00 mts  |
| Franciscina       | 4.8205-75.6810                       | Valher                         | arbol      | 2           | 0,00-5,00 mts  |
| Palma Yuca        | 4.8224-75.6804                       | Valher                         | Arbusto    | 5           | 0,00-5,00 mts  |
| Palma Areca       | 4.8223-75.6803                       | Valher                         | Palma      | 5           | 0,00-5,00 mts  |
| Palma Areca       | 4.8222-75.6808                       | Valher                         | Palma      | 2           | 0,00-5,00 mts  |
| Palma areca       | 4.8210887-75.68299276                | Valher                         | Palma      | 3           | 0,00-5,00 mts  |
| Palma areca       | 4.81940508-75.68146398               | Valher                         | Palma      | 3           | 0,00-5,00 mts  |
| Palma areca       | 4.81943737-75.6814719                | Valher                         | Palma      | 3           | 0,00-5,00 mts  |
| Palma quency      | 4.81994996-75.6815835                | Valher                         | Palma      | 3           | 0,00-5,00 mts  |
| Palma quency      | 4.81952083-75.6815845                | Valher                         | Palma      | 3           | 0,00-5,00 mts  |
| Palma areca       | 4.82082503-75.68307527               | Valher                         | Palma      | 3           | 0,00-5,00 mts  |
| Palma Manilla     | 4.82275853-75.68331953               | Valher                         | Palma      | 3           | 0,00-5,00 mts  |
| Palma Zancana     | 4.82256916-75.68277461               | Valher                         | Palma      | 3           | 0,00-5,00 mts  |
| Lluvia de oro     | 4.8223-75.6803                       | Valher                         | arbol      | 5           | 0,00-5,00 mts  |
| Franciscina       | 4.8222-75.6803                       | Valher                         | arbol      | 5           | 0,00-5,00 mts  |
| Tulipan           | 4.8224-75.6805                       | Valher                         | arbol      | 10          | 5,01-15,00 mts |
| Cedro             | 4.8224-75.6804                       | Valher                         | arbol      | 10          | 5,01-15,00 mts |
| Saman             | 4.8224-75.6804                       | Valher                         | arbol      | 6           | 5,01-15,00 mts |
| Celba             | 4.8227N - 75.6819W                   | Valher                         | arbol      | 1,9         | 0,00-5,00 mts  |
| Guayacan amarillo | 4.8226N - 75.6821W                   | Valher                         | arbol      | 1,2         | 0,00-5,00 mts  |
| Guayacan amarillo | 4.8229N - 75.6820W                   | Valher                         | arbol      | 1,9         | 0,00-5,00 mts  |
| Guayacan amarillo | 4.8229N - 75.6820W                   | Valher                         | arbol      | 1           | 0,00-5,00 mts  |
| Guayacan amarillo | 4.8228N - 75.6820W                   | Valher                         | arbol      | 1,3         | 0,00-5,00 mts  |
| Aguate            | 4.8231N - 75.6819W                   | Valher                         | arbol      | 3,2         | 0,00-5,00 mts  |
| Aguate            | 4.8225N - 75.6817W                   | Valher                         | arbol      | 1,7 - 3,50  | 0,00-5,00 mts  |
| Nogal cafetero    | 4.8226N - 75.6819W                   | Valher                         | arbol      | 1,4         | 0,00-5,00 mts  |
| Nogal cafetero    | 4.8226N - 75.6819W                   | Valher                         | arbol      | 1,2         | 0,00-5,00 mts  |
| Guayacan amarillo | 4.8226N - 75.6819W                   | Valher                         | arbol      | 2,6         | 0,00-5,00 mts  |
| Guayacan amarillo | 4.8226N - 75.6819W                   | Valher                         | arbol      | 1,7         | 0,00-5,00 mts  |
| Guayacan amarillo | 4.8226N - 75.6819W                   | Valher                         | arbol      | 1,8         | 0,00-5,00 mts  |
| Palma roja        | 4.8233N - 75.6829W                   | Valher                         | Palma      | 4,2         | 0,00-5,00 mts  |
| Aguate            | 4.820293N - 75.681961W               | Valher                         | arbol      | 6,2         | 5,01-10,00 mts |
| Palma quency      | 4.823487540117954-75.68346731364727  | Valher - AV. SIMON BOLIVAR     | Palma      | 8           | 5,01-10,00 mts |
| Palma quency      | 4.823555480128254-75.68344719707964  | Valher - AV. SIMON BOLIVAR     | Palma      | 6           | 5,01-10,00 mts |
| Palma quency      | 4.8236065736980455-75.68342640959598 | Valher - AV. SIMON BOLIVAR     | Palma      | 6           | 5,01-10,00 mts |
| Palma quency      | 4.82365501859475-75.6833942324516    | Valher - AV. SIMON BOLIVAR     | Palma      | 7,6         | 5,01-10,00 mts |
| Palma quency      | 4.823699452344403-75.68338315933944  | Valher - AV. SIMON BOLIVAR     | Palma      | 7           | 5,01-10,00 mts |
| Palma quency      | 4.823750901991974-75.68335499614477  | Valher - AV. SIMON BOLIVAR     | Palma      | 6,7         | 5,01-10,00 mts |
| Palma quency      | 4.823853801275384-75.68332180380823  | Valher - AV. SIMON BOLIVAR     | Palma      | 3,4         | 2,01-5,00 mts  |
| Palma quency      | 4.823876853385441-75.68327888846399  | Valher - AV. SIMON BOLIVAR     | Palma      | 5,2         | 5,01-10,00 mts |
| Palma quency      | 4.823986100331135-75.68322966115713  | Valher - AV. SIMON BOLIVAR     | Palma      | 5           | 2,01-5,00 mts  |
| Palma quency      | 4.823997459339787-75.68324200809002  | Valher - AV. SIMON BOLIVAR     | Palma      | 2,3         | 2,01-5,00 mts  |
| Palma quency      | 4.824047572510898-75.6832031160593   | Valher - AV. SIMON BOLIVAR     | Palma      | 6,7         | 5,01-10,00 mts |
| Palma quency      | 4.823759913321066-75.68334795534612  | Valher - AV. SIMON BOLIVAR     | Palma      | 7,6         | 5,01-10,00 mts |
| Palma quency      | 4.82412542427912-75.6831588961056    | Valher - AV. SIMON BOLIVAR     | Palma      | 6,7         | 5,01-10,00 mts |
| Palma quency      | 4.824183546601266-75.683146645439386 | Valher - AV. SIMON BOLIVAR     | Palma      | 9,2         | 5,01-10,00 mts |
| Palma Alejandra   | 4.824378654195864-75.68303380161524  | Valher - AV. SIMON BOLIVAR     | Palma      | 4,5         | 2,01-5,00 mts  |
| Palma quency      | 4.824392688904268-75.68303011357784  | Valher - AV. SIMON BOLIVAR     | Palma      | 7           | 5,01-10,00 mts |
| Palma quency      | 4.824465517148028-75.68296439945696  | Valher - AV. SIMON BOLIVAR     | Palma      | 7           | 5,01-10,00 mts |
| Palma quency      | 4.824517634913983-75.68293690681458  | Valher - AV. SIMON BOLIVAR     | Palma      | 6,5         | 5,01-10,00 mts |
| Palma quency      | 4.824542691530805-75.68295031785965  | Valher - AV. SIMON BOLIVAR     | Palma      | 7           | 5,01-10,00 mts |
| Palma quency      | 4.824538682472174-75.68286348134279  | Valher - AV. SIMON BOLIVAR     | Palma      | 7           | 5,01-10,00 mts |
| Palma quency      | 4.824705401531212-75.68281151354313  | Valher - AV. SIMON BOLIVAR     | Palma      | 9           | 5,01-10,00 mts |
| Palma quency      | 4.82479526217677-75.68276926875114   | Valher - AV. SIMON BOLIVAR     | Palma      | 7,6         | 5,01-10,00 mts |
| Palma quency      | 4.824857736647455-75.6827337294817   | Valher - AV. SIMON BOLIVAR     | Palma      | 7,2         | 5,01-10,00 mts |
| Palma quency      | 4.824890511238783-75.68270925432444  | Valher - AV. SIMON BOLIVAR     | Palma      | 7,9         | 5,01-10,00 mts |
| Palma quency      | 4.824897159037752-75.68270824849606  | Valher - AV. SIMON BOLIVAR     | Palma      | 8           | 5,01-10,00 mts |
| Palma quency      | 4.824948608594536-75.68267941474915  | Valher - AV. SIMON BOLIVAR     | Palma      | 6,7         | 5,01-10,00 mts |
| Palma quency      | 4.825037476001609-75.68262040615082  | Valher - AV. SIMON BOLIVAR     | Palma      | 7,9         | 5,01-10,00 mts |
| Palma quency      | 4.825128347924645-75.68256340209252  | Valher - AV. SIMON BOLIVAR     | Palma      | 5,5         | 5,01-10,00 mts |
| Palma quency      | 4.8240529180262675-75.68133562803268 | Valher - AV. SIMON BOLIVAR     | Palma      | 6           | 5,01-10,00 mts |
| Palma quency      | 4.825256637677601-75.68245444445802  | Valher - AV. SIMON BOLIVAR     | Palma      | 8,5         | 5,01-10,00 mts |
| Palma quency      | 4.825371229805242-75.68241354078054  | Valher - AV. SIMON BOLIVAR     | Palma      | 7,4         | 5,01-10,00 mts |
| Palma quency      | 4.825457090368088-75.68235084414482  | Valher - AV. SIMON BOLIVAR     | Palma      | 6,8         | 5,01-10,00 mts |
| Dracena           | 4.819625897423628-75.68088300526142  | Valher - Los Cambulos          | Arbusto    | 8,7         | 5,01-10,00 mts |
| Mango             | 4.81960618607582-75.6808115914464    | Valher - Los Cambulos          | arbol      | 9,9         | 5,01-10,00 mts |
| Palma areca       | 4.8194618589011835-75.68073682487011 | Valher - Los Cambulos          | Palma      | 10          | 5,01-10,00 mts |
| Mango             | 4.819419095288017-75.6806642271185   | Valher - Los Cambulos          | arbol      | 7,3         | 5,01-10,00 mts |
| Pino libro        | 4.820159774051464-75.68094871938227  | Valher - Los Cambulos          | arbol      | 3,5         | 2,01-5,00 mts  |
| Palma robelini    | 4.8202038739794375-75.6809681846476  | Valher - Los Cambulos          | Palma      | 4,5         | 2,01-5,00 mts  |
| Palma robelini    | 4.820197192172354-75.68098861724138  | Valher - Los Cambulos          | Palma      | 5,5         | 5,01-10,00 mts |
| arbol pulpo       | 4.820148417249778-75.68098727613688  | Valher - Los Cambulos          | arbol      | 0,58-5,8    | 0,00-2,00 mts  |
| Palma areca       | 4.8202229171292705-75.68095173686743 | Valher - Los Cambulos          | Palma      | 7,2         | 5,01-10,00 mts |
| Guayacan rosado   | 4.820071908277943-75.68065501749516  | Valher - Los Cambulos          | arbol      | 8,7         | 5,01-10,00 mts |
| Carey             | 4.820057876479666-75.68061344325542  | Valher - Los Cambulos          | Arbusto    | 6           | 5,01-10,00 mts |
| Carey             | 4.820075917362345-75.68063322454692  | Valher - Los Cambulos          | Arbusto    | 7,9         | 5,01-10,00 mts |
| Tulipan africano  | 4.820063221925435-75.68062551319599  | Valher - Los Cambulos          | arbol      | 5,8         | 5,01-10,00 mts |
| Acacia amarilla   | 4.819954308440221-75.68048803249884  | Valher - Los Cambulos          | arbol      | 5,3         | 5,01-10,00 mts |
| Palma areca       | 4.820352878260353-75.68065979328394  | Valher - Los Cambulos          | Palma      | 9,2         | 5,01-10,00 mts |
| Guayacan rosado   | 4.820449096253991-75.6807116791606   | Valher - Los Cambulos          | arbol      | 0,08-8      | 0,00-2,00 mts  |
| Franciscina       | 4.820513575665702-75.68071536719799  | Valher - Los Cambulos          | Arbusto    | 3,5         | 2,01-5,00 mts  |
| Palma areca       | 4.820526605183395-75.68044815212487  | Valher - Los Cambulos          | Palma      | 7,3         | 5,01-10,00 mts |
| Palma areca       | 4.820568700546505-75.6808551261902   | Valher - Los Cambulos          | Palma      | 7,5         | 5,01-10,00 mts |
| Palma areca       | 4.820570370997373-75.6809125096606   | Valher - Los Cambulos          | Palma      | 6,7         | 5,01-10,00 mts |
| Palma quency      | 4.82059609940168-75.68100102245808   | Valher - Los Cambulos          | Palma      | 4,8         | 2,01-5,00 mts  |
| Palma areca       | 4.8194-75.6814                       | Valher - Los Cambulos          | Palma      | 1,9         | 0,00-5,00 mts  |
| Palma manilla     | 4.8195-75.6815                       | Valher - Los Cambulos          | Palma      | 1,7         | 0,00-5,00 mts  |
| Palma manilla     | 4.8195-75.6815                       | Valher - Los Cambulos          | Palma      | 1,8         | 0,00-5,00 mts  |
| Palma Robelini    | 4.8203-75.6825                       | Valher - Los Cambulos          | Palma      | 2,7         | 0,00-5,00 mts  |
| Palma areca       | 4.8204-75.6825                       | Valher - Los Cambulos          | Palma      | 4,2         | 0,00-5,00 mts  |
| Palma areca       | 4.8209-75.6829                       | Valher - Los Cambulos          | Palma      | 3,1         | 0,00-5,00 mts  |
| Palma areca       | 4.8209-75.6829                       | Valher - Los Cambulos          | Palma      | 3,4         | 0,00-5,00 mts  |
| Palma Manilla     | 4.8353-75.6955                       | Variante la romelia - el pollo | Palma      | 1,5         | 0,00-5,00 mts  |
| Palma Areca       | 4.8353-75.6955                       | Variante la romelia - el pollo | Palma      | 1,4         | 0,00-5,00 mts  |
| Palma Areca       | 4.835355N - 75.695341W               | Variante la romelia - el pollo | Palma      | 1,7         | 0,00-5,00 mts  |
| Palma Areca       | 4.835387N - 75.695344W               | Variante la romelia - el pollo | Palma      | 2           | 0,00-5,00 mts  |
| Palma Areca       | 4.835367N - 75.695319W               | Variante la romelia - el pollo | Palma      | 2,2         | 0,00-5,00 mts  |
| Palma Areca       | 4.835382N - 75.695311W               | Variante la romelia - el pollo | Palma      | 1,9         | 0,00-5,00 mts  |
| Palma Areca       | 4.835350N - 75.695236W               | Variante la romelia - el pollo | Palma      | 1,9         | 0,00-5,00 mts  |
| Yarumo negro      | 4.831056712340296-75.69652356284786  | Variante la Romelia el Polio   | arbol      | 1,18 - 11,8 | 0,00-2,00 mts  |
| Eucalipto         | 4.831016995223233-75.698413135774134 | Variante la Romelia el Polio   | arbol      | 2,38-23,8   | 2,01-5,00 mts  |
| Palma zancana     | 4.830923746493564-75.70001925247817  | Variante la Romelia el Polio   | Palma      | 7           | 5,01-10,00 mts |
| Palma zancana     | 4.830931754535293-75.69998871535063  | Variante la Romelia el Polio   | Palma      | 6,1         | 5,01-10,00 mts |
| Palma zancana     | 4.830943457512708-75.6999531780812   | Variante la Romelia el Polio   | Palma      | 5,5         | 5,01-10,00 mts |
| Palma zancana     | 4.830971186572625-75.69997396320105  | Variante la Romelia el Polio   | Palma      | 6,3         | 5,01-10,00 mts |
| Palma zancana     | 4.830952143724372-75.69993807117033  | Variante la Romelia el Polio   | Palma      | 6,7         | 5,01-10,00 mts |
| Palma zancana     | 4.8309337630457355-75.69990489631891 | Variante la Romelia el Polio   | Palma      | 5,9         | 5,01-10,00 mts |
| Eucalipto         | 4.830889001644775-75.69986291466951  | Variante la Romelia el Polio   | arbol      | 8,8         | 5,01-10,00 mts |
| Tulipan africano  | 4.830832541261745-75.69955319166185  | Variante la Romelia el Polio   | arbol      | 4,3         | 2,01-5,00 mts  |
| Tulipan africano  | 4.830847575092003-75.69947741925716  | Variante la Romelia el Polio   | arbol      | 4,6         | 2,01-5,00 mts  |
| Tulipan africano  | 4.830863277092146-75.69938622415066  | Variante la Romelia el Polio   | arbol      | 5,3         | 5,01-10,00 mts |
| Tulipan africano  | 4.830875304155838-75.69919478148222  | Variante la Romelia el Polio   | arbol      | 4,4         | 2,01-5,00 mts  |
| Tulipan africano  | 4.830874635989635-75.6991060386084   | Variante la Romelia el Polio   | arbol      | 4,9         | 2,01-5,00 mts  |



| NOM_COM                | COORDENADA                             | BARRIO                       | HAB_CRECHA  | H_mts_u     | Rango_mts       |
|------------------------|--|------------------------------|-------------|-------------|-----------------|
| Tulipan africano       | 4.830886994878935,-75.69905463606119   | Variante la Romelia el Pollo | arbol       | 0,56-5,6    | 0,00-2,00 mts   |
| Leucaena               | 4.832263052238691,-75.69685932479625   | Variante la Romelia el Pollo | arbol       | 10,1        | 10,01-15,00 mts |
| Higueron de hoja ancha | 4.832713103797002,-75.6967294961214    | Variante la Romelia el Pollo | arbol       | 6,9         | 5,01-10,00 mts  |
| Palma cubana           | 4.8331226908946885,-75.69642137736082  | Variante la Romelia el Pollo | Palma       | 9,2         | 5,01-10,00 mts  |
| Palma manila           | 4.833179485170913,-75.69643881171943   | Variante la Romelia el Pollo | Palma       | 3,2         | 2,01-5,00 mts   |
| Palma manila           | 4.833208216391193,-75.69641131907701   | Variante la Romelia el Pollo | Palma       | 3,6         | 2,01-5,00 mts   |
| Palma manila           | 4.833258663065704,-75.69639723747969   | Variante la Romelia el Pollo | Palma       | 3,4         | 2,01-5,00 mts   |
| Palma manila           | 4.833476485749599,-75.69632650587368   | Variante la Romelia el Pollo | Palma       | 3,8         | 2,01-5,00 mts   |
| Palma manila           | 4.833501542036441,-75.696318782866     | Variante la Romelia el Pollo | Palma       | 4,1         | 2,01-5,00 mts   |
| Palma manila           | 4.833520250728257,-75.69632112579889   | Variante la Romelia el Pollo | Palma       | 3,9         | 2,01-5,00 mts   |
| Palma manila           | 4.83356997693947,-75.696294978261      | Variante la Romelia el Pollo | Palma       | 3,8         | 2,01-5,00 mts   |
| Palma manila           | 4.8335907424065508,-75.6962976021862   | Variante la Romelia el Pollo | Palma       | 3,6         | 2,01-5,00 mts   |
| Palma cubana           | 4.833630498371896,-75.69627419114114   | Variante la Romelia el Pollo | Palma       | 8,8         | 5,01-10,00 mts  |
| Acacia amarilla        | 4.833570029212007,-75.69618701934814   | Variante la Romelia el Pollo | arbol       | 6,7         | 5,01-10,00 mts  |
| Palma areca            | 4.8336061377525217,-75.69651143795252  | Variante la Romelia el Pollo | Palma       | 3,6         | 2,01-5,00 mts   |
| Palma areca            | 4.8336063716106453,-75.69653155452013  | Variante la Romelia el Pollo | Palma       | 2,6         | 2,01-5,00 mts   |
| Palma areca            | 4.8350710659331836,-75.69554796305035  | Variante la Romelia el Pollo | Palma       | 3,1         | 2,01-5,00 mts   |
| Palma areca            | 4.835090776831172,-75.69556843489408   | Variante la Romelia el Pollo | Palma       | 3,3         | 2,01-5,00 mts   |
| Palma areca            | 4.835112826310767,-75.69660028612614   | Variante la Romelia el Pollo | Palma       | 3,5         | 2,01-5,00 mts   |
| Palma quency           | 4.835166947756289,-75.69540347903967   | Variante la Romelia el Pollo | Palma       | 7,6         | 5,01-10,00 mts  |
| Palma quency           | 4.835221403280429,-75.69638470357656   | Variante la Romelia el Pollo | Palma       | 7,3         | 5,01-10,00 mts  |
| Palma manila           | 4.83537508142314,-75.6963739747405     | Variante la Romelia el Pollo | Palma       | 0,22-2,2    | 0,00-2,00 mts   |
| Palma manila           | 4.835404814798899,-75.69638973271847   | Variante la Romelia el Pollo | Palma       | 0,29-2,5    | 0,00-2,00 mts   |
| Palma quency           | 4.836231335305918,-75.69628358752728   | Variante la Romelia el Pollo | Palma       | 5,8         | 5,01-10,00 mts  |
| Palma Alejandra        | 4.83622862654624,-75.696278430193663   | Variante la Romelia el Pollo | Palma       | 6           | 5,01-10,00 mts  |
| Palma quency           | 4.83622649161937,-75.696275110960007   | Variante la Romelia el Pollo | Palma       | 5,9         | 5,01-10,00 mts  |
| Palma quency           | 4.83620895178082,-75.696271858781576   | Variante la Romelia el Pollo | Palma       | 5,7         | 5,01-10,00 mts  |
| Palma quency           | 4.836203272378613,-75.696267969578505  | Variante la Romelia el Pollo | Palma       | 5,8         | 5,01-10,00 mts  |
| Palma quency           | 4.8361945862344636,-75.696263946264982 | Variante la Romelia el Pollo | Palma       | 0,54-5,4    | 0,00-2,00 mts   |
| Sarro                  | 4.836218306899502,-75.694911196423769  | Variante la Romelia el Pollo | Pseudopalma | 6,1         | 5,01-10,00 mts  |
| Yarumo negro           | 4.836699384668705,-75.68755935877562   | Variante la Romelia el Pollo | arbol       | 9,4         | 5,01-10,00 mts  |
| Palma areca            | 4.823496326425072,-75.6938736140728    | Variante Turin - la bañea    | Palma       | 5,9         | 5,01-10,00 mts  |
| Guayacan amarillo      | 4.823059355885533,-75.69393396377563   | Variante Turin - la bañea    | arbol       | 14,6        | 10,01-15,00 mts |
| Palma quency           | 4.822970804644541,-75.69326979486752   | Variante Turin - la bañea    | Palma       | 7,3 - 12,3  | 5,01-10,00 mts  |
| Chocho                 | 4.823976745853294,-75.69736818714308   | Variante Turin - la bañea    | arbol       | 12,3        | 10,01-15,00 mts |
| Pino patula            | 4.82045458846856,-75.6968125668761     | Variante Turin - la bañea    | arbol       | 8,1         | 5,01-10,00 mts  |
| Pino patula            | 4.820444565814741,-75.696888899799776  | Variante Turin - la bañea    | arbol       | 14,3        | 10,01-15,00 mts |
| Palma areca            | 4.824219962235327,-75.70137608796358   | Variante Turin - la bañea    | Palma       | 3,8         | 2,01-5,00 mts   |
| Palma areca            | 4.824234328035391,-75.7012989744544    | Variante Turin - la bañea    | Palma       | 2,3         | 2,01-5,00 mts   |
| Palma areca            | 4.824243014332955,-75.70119939744473   | Variante Turin - la bañea    | Palma       | 3,1         | 2,01-5,00 mts   |
| Palma quency           | 4.824115392565271,-75.70218410342932   | Variante Turin - la bañea    | Palma       | 4,1         | 2,01-5,00 mts   |
| Palma quency           | 4.824133767423854,-75.70219986140728   | Variante Turin - la bañea    | Palma       | 4,4         | 2,01-5,00 mts   |
| Palma quency           | 4.824153478645048,-75.70226591080427   | Variante Turin - la bañea    | Palma       | 3,9         | 2,01-5,00 mts   |
| Palma quency           | 4.824148135495699,-75.702242762798357  | Variante Turin - la bañea    | Palma       | 3,7         | 2,01-5,00 mts   |
| Palma quency           | 4.824152142291412,-75.70230346173048   | Variante Turin - la bañea    | Palma       | 4,6         | 2,01-5,00 mts   |
| Palma quency           | 4.824153478645048,-75.70233128964901   | Variante Turin - la bañea    | Palma       | 4,2         | 2,01-5,00 mts   |
| Palma quency           | 4.824147799142064,-75.70234134793282   | Variante Turin - la bañea    | Palma       | 3,8         | 2,01-5,00 mts   |
| Aguate                 | 4.8235922574707,-75.70633985102177     | Variante Turin - la bañea    | arbol       | 7,8         | 5,01-10,00 mts  |
| Guayacan amarillo      | 4.82354684466094,-75.70684913545847    | Variante Turin - la bañea    | arbol       | 13          | 10,01-15,00 mts |
| Guayabo agrio          | 4.823914939478602,-75.70698827505112   | Variante Turin - la bañea    | arbol       | 7,8         | 5,01-10,00 mts  |
| Guayabo dulce          | 4.823969729994829,-75.707006907659769  | Variante Turin - la bañea    | arbol       | 8           | 5,01-10,00 mts  |
| Palma yuca             | 4.82044893107023,-75.70713747292757    | Variante Turin - la bañea    | Arbusto     | 6,8         | 5,01-10,00 mts  |
| Guayabo dulce          | 4.82044894967650385,-75.70870723575354 | Variante Turin - la bañea    | arbol       | 7,8         | 5,01-10,00 mts  |
| Guayabo dulce          | 4.820498237413797,-75.7087729496744    | Variante Turin - la bañea    | arbol       | 6,9         | 5,01-10,00 mts  |
| Mango                  | 4.8204583116203993,-75.70800663733482  | Variante Turin - la bañea    | arbol       | 6,8         | 5,01-10,00 mts  |
| Mango                  | 4.8204596479731801,-75.70804511999178  | Variante Turin - la bañea    | arbol       | 6,6         | 5,01-10,00 mts  |
| Palma cubana           | 4.8204463178530228,-75.70382662117481  | Variante Turin - la bañea    | Palma       | 8,9 - 12,90 | 5,01-10,00 mts  |
| Naranja                | 4.820148080888266,-75.6821828706879    | Variante Turin - la bañea    | Arbusto     | 9,7         | 5,01-10,00 mts  |
| Naranja                | 4.820148080888266,-75.68218287060631   | Variante Turin - la bañea    | Arbusto     | 6,8         | 5,01-10,00 mts  |
| Eucalipto              | 4.820148080888266,-75.68218287060907   | Variante Turin - la bañea    | arbol       | 15,7        | 15,01-20,00 mts |
| Casco de vaca          | 4.820418555316722,-75.71092508734328   | Variante Turin - la bañea    | arbol       | 13,9        | 10,01-15,00 mts |
| Guayabo dulce          | 4.820451630152912,-75.71110010148765   | Variante Turin - la bañea    | arbol       | 12,4        | 10,01-15,00 mts |
| Limon mandarino        | 4.82045163013987,-75.71110010149802    | Variante Turin - la bañea    | arbol       | 6,3         | 5,01-10,00 mts  |
| Pino azul              | 4.82045163019072,-75.71110010149878    | Variante Turin - la bañea    | arbol       | 5,8         | 5,01-10,00 mts  |
| Limon mandarino        | 4.820451630156378,-75.71110010147874   | Variante Turin - la bañea    | arbol       | 6,2         | 5,01-10,00 mts  |
| Cedro rosado           | 4.82045163016767,-75.71110010148297    | Variante Turin - la bañea    | arbol       | 12,3        | 10,01-15,00 mts |
| Milionario negra       | 4.820418555316755,-75.71092508733274   | Variante Turin - la bañea    | Arbusto     | 5           | 2,01-5,00 mts   |
| Benjamin               | 4.822393164532259,-75.71097269654273   | Variante Turin - la bañea    | arbol       | 8,1         | 5,01-10,00 mts  |
| Benjamin               | 4.822334364817165,-75.71100665943155   | Variante Turin - la bañea    | arbol       | 7,9         | 5,01-10,00 mts  |
| Benjamin               | 4.822316658083788,-75.711025493226093  | Variante Turin - la bañea    | arbol       | 8,7         | 5,01-10,00 mts  |
| Palma zancona          | 4.822418889408023,-75.71107730269432   | Variante Turin - la bañea    | Palma       | 7,7         | 5,01-10,00 mts  |
| Palma areca            | 4.82240627885282,-75.7110595330596     | Variante Turin - la bañea    | Palma       | 6,5         | 5,01-10,00 mts  |
| Palma areca            | 4.822451630153022,-75.71110010147086   | Variante Turin - la bañea    | Palma       | 3,1         | 2,01-5,00 mts   |
| Palma areca            | 4.822443612011043,-75.71114804595709   | Variante Turin - la bañea    | Palma       | 6,3         | 5,01-10,00 mts  |
| Aguate                 | 4.822576913609116,-75.71124326437713   | Variante Turin - la bañea    | arbol       | 4,8         | 2,01-5,00 mts   |
| Yarumo negro           | 4.822544172868161,-75.71130495518446   | Variante Turin - la bañea    | arbol       | 9,5         | 5,01-10,00 mts  |
| Yarumo negro           | 4.822366768211087,-75.71207240223888   | Variante Turin - la bañea    | arbol       | 7,3         | 5,01-10,00 mts  |
| Carbonero              | 4.82234305113904,-75.71202244609594    | Variante Turin - la bañea    | arbol       | 8,7         | 5,01-10,00 mts  |
| Yarumo negro           | 4.822313317190641,-75.71203887462616   | Variante Turin - la bañea    | arbol       | 10,4        | 10,01-15,00 mts |
| Guamo santafereño      | 4.822297614992656,-75.712330266485653  | Variante Turin - la bañea    | arbol       | 6,8         | 5,01-10,00 mts  |
| Yarumo negro           | 4.82233803928992,-75.71242041885883    | Variante Turin - la bañea    | arbol       | 5,9         | 5,01-10,00 mts  |
| Guamo santafereño      | 4.822368215131603,-75.71244154125463   | Variante Turin - la bañea    | arbol       | 8,2         | 5,01-10,00 mts  |
| Carbonero              | 4.822301397260853,-75.71250725537639   | Variante Turin - la bañea    | arbol       | 10,9        | 10,01-15,00 mts |
| Yarumo negro           | 4.822133577115328,-75.71259308066386   | Variante Turin - la bañea    | arbol       | 6,8         | 5,01-10,00 mts  |
| Yarumo negro           | 4.82212886254323,-75.71259442716837    | Variante Turin - la bañea    | arbol       | 8,1         | 5,01-10,00 mts  |
| Carbonero              | 4.82204136843683,-75.7126997038732     | Variante Turin - la bañea    | arbol       | 13,2        | 10,01-15,00 mts |
| Yarumo negro           | 4.822016979903479,-75.71279123425485   | Variante Turin - la bañea    | arbol       | 4,9         | 2,01-5,00 mts   |
| Yarumo negro           | 4.822138923545761,-75.71261789649725   | Variante Turin - la bañea    | arbol       | 6,6         | 5,01-10,00 mts  |
| Guayabo dulce          | 4.822085134150077,-75.71303699165583   | Variante Turin - la bañea    | arbol       | 5,8         | 5,01-10,00 mts  |
| Yarumo negro           | 4.821942143860114,-75.71307933644781   | Variante Turin - la bañea    | arbol       | 4,7         | 2,01-5,00 mts   |
| Yarumo negro           | 4.821758394611519,-75.7134859263897    | Variante Turin - la bañea    | arbol       | 5,4         | 5,01-10,00 mts  |
| Yarumo negro           | 4.821719974307797,-75.7140077326107    | Variante Turin - la bañea    | arbol       | 6,3         | 5,01-10,00 mts  |
| Yarumo negro           | 4.821696351675442,-75.71396805346012   | Variante Turin - la bañea    | arbol       | 7,2         | 5,01-10,00 mts  |
| Yarumo negro           | 4.821671865402693,-75.7140251096855    | Variante Turin - la bañea    | arbol       | 5,5         | 5,01-10,00 mts  |
| Yarumo negro           | 4.8216970293213015,-75.71400158107281  | Variante Turin - la bañea    | arbol       | 7,2         | 5,01-10,00 mts  |
| Yarumo negro           | 4.821478093389276,-75.71402572095396   | Variante Turin - la bañea    | arbol       | 8,3         | 5,01-10,00 mts  |
| Yarumo negro           | 4.821211155645784,-75.7122390344739    | Variante Turin - la bañea    | arbol       | 7,6         | 5,01-10,00 mts  |
| Yarumo negro           | 4.821219173802318,-75.71222126483917   | Variante Turin - la bañea    | arbol       | 8,6         | 5,01-10,00 mts  |
| Aguate                 | 4.821326508277546,-75.71224171668291   | Variante Turin - la bañea    | arbol       | 3,5         | 2,01-5,00 mts   |
| Yarumo negro           | 4.821214496544352,-75.71216329703951   | Variante Turin - la bañea    | arbol       | 9,3         | 5,01-10,00 mts  |
| Yarumo negro           | 4.821347788383654,-75.71290858089934   | Variante Turin - la bañea    | arbol       | 6,1         | 5,01-10,00 mts  |
| palma robleini         | 4.82047N - 75.7039W                    | Variante Turin - la bañea    | Palma       | 3,1         | 0,00-5,00 mts   |
| palma cubana           | 4.82047N - 75.7040W                    | Variante Turin - la bañea    | Palma       | 13,2        | 10,01-15,00 mts |
| palma cubana           | 4.82047N - 75.7040W                    | Variante Turin - la bañea    | Palma       | 18,4        | 15,01-20,00 mts |
| palma cubana           | 4.82047N - 75.7040W                    | Variante Turin - la bañea    | Palma       | 18,5        | 15,01-20,00 mts |
| Guayacan amarillo      | 4.82239N - 75.7069W                    | Variante Turin - la bañea    | Palma       | 10,6        | 10,01-15,00 mts |
| Aguate                 | 4.82657793904499,-75.70240404455854    | Variante Turin - Vallarta    | arbol       | 4,1         | 2,01-5,00 mts   |
| Guayabo dulce          | 4.826753015583258,-75.7016597315669    | Variante Turin - Vallarta    | arbol       | 4,1         | 2,01-5,00 mts   |
| Guayabo dulce          | 4.826748672450551,-75.70152964442968   | Variante Turin - Vallarta    | arbol       | 4,2         | 2,01-5,00 mts   |
| Guayabo dulce          | 4.826785756121218,-75.70153098553418   | Variante Turin - Vallarta    | arbol       | 3,8         | 2,01-5,00 mts   |
| Palma yuca             | 4.8268318801413896,-75.70157255977394  | Variante Turin - Vallarta    | Arbusto     | 2,6         | 2,01-5,00 mts   |
| Palma manila           | 4.826218810051921,-75.70231821389006   | Variante Turin - Vallarta    | Palma       | 2,3         | 2,01-5,00 mts   |
| Palma manila           | 4.826189410360686,-75.70229938013315   | Variante Turin - Vallarta    | Palma       | 2,8         | 2,01-5,00 mts   |



| NOM_COM               | COORDENADA                             | BARRIO                    | HAB_CRECIA | H_mts_1 | Rango_alta      |
|-----------------------|--|---------------------------|------------|---------|-----------------|
| Limon mandarina       | 4.826036732398239,-75.70097275078298   | Variante Turin - Vallarta | arbol      | 4,7     | 2,01-5,00 mts   |
| Guayabo dulce         | 4.826032723349426,-75.70100225508213   | Variante Turin - Vallarta | arbol      | 6,4     | 5,01-10,00 mts  |
| Palma areca           | 4.826005328174133,-75.70114776482119   | Variante Turin - Vallarta | Palma      | 6,2     | 5,01-10,00 mts  |
| Palma areca           | 4.8260086990491,-75.70115815848112     | Variante Turin - Vallarta | Palma      | 6,1     | 5,01-10,00 mts  |
| Palma areca           | 4.826002321386639,-75.70116855204105   | Variante Turin - Vallarta | Palma      | 5,6     | 5,01-10,00 mts  |
| Palma areca           | 4.8259849488364335,-75.701236960726643 | Variante Turin - Vallarta | Palma      | 5,8     | 5,01-10,00 mts  |
| Palma areca           | 4.825844966156024,-75.7017757371068    | Variante Turin - Vallarta | Palma      | 5       | 2,01-5,00 mts   |
| Palma areca           | 4.82593387341962,-75.70170097053051    | Variante Turin - Vallarta | Palma      | 7,9     | 5,01-10,00 mts  |
| Palma areca           | 4.825212203989879,-75.7015369327903    | Variante Turin - Vallarta | Palma      | 7,5     | 5,01-10,00 mts  |
| Palma areca           | 4.825171111178319,-75.70160139352082   | Variante Turin - Vallarta | Palma      | 7,3     | 5,01-10,00 mts  |
| Palma areca           | 4.82376217,-75.70359441                | Variante Turin - La Popa  | Palma      | 2       | 0,00-5,00       |
| Guayacan amarillo     | 4.82371966,-75.70622587                | Variante Turin - La Popa  | arbol      | 12      | 5,00-15,00      |
| Guayabo dulce         | 4.82355892,-75.70697398                | Variante Turin - La Popa  | arbol      | 8       | 5,00-15,00      |
| Quiebrabrasso         | 4.82412313,-75.70766777                | Variante Turin - La Popa  | arbol      | 7       | 5,00-15,00      |
| Guayabo dulce         | 4.82418517,-75.70788744                | Variante Turin - La Popa  | arbol      | 10      | 5,00-15,00      |
| Guayabo dulce         | 4.82415511,-75.70788354                | Variante Turin - La Popa  | arbol      | 7       | 5,00-15,00      |
| Guayabo dulce         | 4.82492715,-75.70999519                | Variante Turin - La Popa  | arbol      | 3       | 0,00-5,00       |
| Guayabo dulce         | 4.82508454,-75.71002536                | Variante Turin - La Popa  | arbol      | 5       | 0,00-5,00       |
| Guayabo dulce         | 4.84680095358464,-75.6565620750189     | Venus                     | arbol      | 3,7     | 2,01-5,00 mts   |
| Mango                 | 4.847107302342881,-75.65671730786562   | Venus                     | arbol      | 5,1     | 5,01-10,00 mts  |
| Aguatec               | 4.847139373742491,-75.6567494943738    | Venus                     | arbol      | 4,3     | 2,01-5,00 mts   |
| Mandarino             | 4.847131355892729,-75.6567518413067    | Venus                     | arbol      | 5,1     | 5,01-10,00 mts  |
| Cipres                | 4.847147725669219,-75.65680883824825   | Venus                     | arbol      | 17      | 15,01-28,00 mts |
| Guayabo dulce         | 4.847138037434197,-75.65685745328665   | Venus                     | arbol      | 5,1     | 5,01-10,00 mts  |
| Guayacan rosado       | 4.8471754562963635,-75.65686415880919  | Venus                     | arbol      | 13      | 10,01-15,00 mts |
| Mango                 | 4.847180465320991,-75.6569090858102    | Venus                     | arbol      | 4,2     | 2,01-5,00 mts   |
| Aguatec               | 4.847202514305994,-75.65705191344023   | Venus                     | arbol      | 5,9     | 5,01-10,00 mts  |
| Aguatec               | 4.847204852846259,-75.6570652344853    | Venus                     | arbol      | 3,7     | 2,01-5,00 mts   |
| Guayacan rosado       | 4.847207895938608,-75.65708342939615   | Venus                     | arbol      | 9,7     | 5,01-10,00 mts  |
| Guayacan rosado       | 4.847226567852431,-75.6571317388231    | Venus                     | arbol      | 8       | 5,01-10,00 mts  |
| Tulipan africano      | 4.84725431855553,-75.65714981406927    | Venus                     | arbol      | 10,7    | 10,01-15,00 mts |
| Palma areca           | 4.84689N - 75.6566W                    | Venus                     | Palma      | 3,6     | 0,01-5,00mts    |
| Cedro Rojo            | 4.84731736,-75.65727452                | Venus                     | arbol      | 12      | 5,01-15,00 mts  |
| Cedro Rojo            | 4.84729064,-75.65683281                | Venus                     | arbol      | 10      | 5,01-15,00 mts  |
| Mandarino             | 4.84716275,-75.65683281                | Venus                     | arbol      | 7       | 5,01-15,00 mts  |
| Pino libro            | 4.84715285,-75.65683556                | Venus                     | arbol      | 7       | 5,01-15,00 mts  |
| Mandarino             | 4.847119N - 75.656828W                 | Venus                     | arbol      | 3       | 0,00-5,00 mts   |
| Guayacan Rosado       | 4.84659533,-75.65752152                | Venus                     | arbol      | 12      | 5,01-15,00 mts  |
| Pino libro            | 4.84661731,-75.65747755                | Venus                     | arbol      | 3       | 0,00-5,00 mts   |
| Pino libro            | 4.84661785,-75.65747528                | Venus                     | arbol      | 3       | 0,00-5,00 mts   |
| Palma areca           | 4.8468N - 75.6566W                     | Venus                     | Palma      | 4,2     | 0,00-5,00 mts   |
| Urapan                | 4.8464N - 75.6575W                     | Venus                     | arbol      | 11,3    | 5,01-15,00mts   |
| Guayabo dulce         | 4.8463N - 75.6576W                     | Venus                     | arbol      | 5,6     | 5,01-15,00 mts  |
| Palma zanzona         | 4.839232729461517,-75.65547539085151   | Versalles - Modelo        | Palma      | 17      | 15,01-28,00 mts |
| Palma zanzona         | 4.8391929638240236,-75.6554130294919   | Versalles - Modelo        | Palma      | 17      | 15,01-28,00 mts |
| Palma quency          | 4.838543516054087,-75.6552996672663    | Versalles - Modelo        | Palma      | 9       | 5,01-10,00 mts  |
| Palma quency          | 4.838493401610557,-75.65534027457237   | Versalles - Modelo        | Palma      | 12      | 10,01-15,00 mts |
| Palma quency          | 4.838494406098607,-75.65537749022245   | Versalles - Modelo        | Palma      | 13      | 10,01-15,00 mts |
| Palma quency          | 4.838477033868607,-75.65540967673063   | Versalles - Modelo        | Palma      | 12      | 10,01-15,00 mts |
| Palma quency          | 4.83833932338215,-75.65551463044415    | Versalles - Modelo        | Palma      | 10      | 5,01-10,00 mts  |
| Palma quency          | 4.838291284612256,-75.65558192054564   | Versalles - Modelo        | Palma      | 11      | 10,01-15,00 mts |
| Palma quency          | 4.83827524870284,-75.65571645438671    | Versalles - Modelo        | Palma      | 11      | 10,01-15,00 mts |
| Palma quency          | 4.83825537896997,-75.655745293962      | Versalles - Modelo        | Palma      | 9       | 5,01-10,00 mts  |
| Palma quency          | 4.838245181371654,-75.65578887403011   | Versalles - Modelo        | Palma      | 9       | 5,01-10,00 mts  |
| Mango                 | 4.838018005937401,-75.65613085567951   | Versalles - Modelo        | arbol      | 7       | 5,01-10,00 mts  |
| Mango                 | 4.838055423072992,-75.65608291119339   | Versalles - Modelo        | arbol      | 6,8     | 5,01-10,00 mts  |
| Zapote                | 4.838064109193463,-75.6560597714062    | Versalles - Modelo        | arbol      | 7       | 5,01-10,00 mts  |
| Palma quency          | 4.8380243042050758,-75.65560883074999  | Versalles - Modelo        | Palma      | 11      | 10,01-15,00 mts |
| Palma quency          | 4.838542847891454,-75.65566482186317   | Versalles - Modelo        | Palma      | 12      | 10,01-15,00 mts |
| Palma quency          | 4.8385729152094,-75.65568829119205     | Versalles - Modelo        | Palma      | 13      | 10,01-15,00 mts |
| Palma quency          | 4.8386120027207475,-75.65570941358805  | Versalles - Modelo        | Palma      | 13      | 10,01-15,00 mts |
| Palma quency          | 4.838639063304187,-75.65576423887285   | Versalles - Modelo        | Palma      | 13      | 10,01-15,00 mts |
| Palma quency          | 4.8386671261303285,-75.65579692065716  | Versalles - Modelo        | Palma      | 14      | 10,01-15,00 mts |
| Palma quency          | 4.83872824428944,-75.6558348068595     | Versalles - Modelo        | Palma      | 14      | 10,01-15,00 mts |
| Palma quency          | 4.83875939173876,-75.65586028784513    | Versalles - Modelo        | Palma      | 13      | 10,01-15,00 mts |
| Palma quency          | 4.838783720478865,-75.6558948212862    | Versalles - Modelo        | Palma      | 13      | 10,01-15,00 mts |
| Palma quency          | 4.838810446974259,-75.65592164337635   | Versalles - Modelo        | Palma      | 12      | 10,01-15,00 mts |
| Palma cubana          | 4.837588376893016,-75.65536039113998   | Versalles - Modelo        | Palma      | 9,7     | 5,01-10,00 mts  |
| Palma cubana          | 4.837549289322573,-75.6553318926592    | Versalles - Modelo        | Palma      | 13,3    | 10,01-15,00 mts |
| Guayabo dulce         | 4.8351 - 75.6953                       | via el pollo              | arbol      | 1,4     | 0,00-5,00 mts   |
| Guayabo dulce         | 4.8351 - 75.6953                       | via el pollo              | arbol      | 2,7     | 0,00-5,00 mts   |
| Caracoll              | 4.8622N - 75.6551W                     | Vila carola               | arbol      | 8,4     | 5,01-10,00 mts  |
| Martin Galviz         | 4.8622N - 75.6550W                     | Vila carola               | arbol      | 10,6    | 5,01-10,00 mts  |
| Guayacan de manizales | 4.8622N - 75.6551W                     | Vila carola               | arbol      | 9,3     | 5,01-10,00 mts  |
| Guayacan amarillo     | 4.8621N - 75.6550W                     | Vila carola               | arbol      | 5,1     | 0,00-5,00 mts   |
| Nogal cafetero        | 4.8622N - 75.6550W                     | Vila carola               | arbol      | 12,3    | 10,01-20,00 mts |
| Laurel                | 4.8621N - 75.6551W                     | Vila carola               | arbol      | 8,4     | 5,01-10,00 mts  |
| Guamo santafereño     | 4.8621N - 75.6551W                     | Vila carola               | arbol      | 7,6     | 5,01-10,00 mts  |
| Gualanday             | 4.8621N - 75.6551W                     | Vila carola               | arbol      | 10,3    | 10,01-20,00 mts |
| Condonsillo           | 4.8620N - 75.6551W                     | Vila carola               | Arbusto    | 3,1     | 0,00-5,00 mts   |
| Palo de la cruz       | 4.8620N - 75.6551W                     | Vila carola               | arbol      | 4,6     | 0,00-5,00 mts   |
| Laurel                | 4.8619N - 75.6551W                     | Vila carola               | arbol      | 7,2     | 5,01-10,00 mts  |
| Condonsillo           | 4.8619N - 75.6551W                     | Vila carola               | Arbusto    | 4,6     | 0,00-5,00 mts   |
| Siete cueros          | 4.8619N - 75.6551W                     | Vila carola               | arbol      | 2,2     | 0,00-5,00 mts   |
| Condonsillo           | 4.8617N - 75.6552W                     | Vila carola               | Arbusto    | 3,6     | 0,00-5,00 mts   |
| Condonsillo           | 4.8618N - 75.6551W                     | Vila carola               | Arbusto    | 4,2     | 0,00-5,00 mts   |
| Condonsillo           | 4.8619N - 75.6552W                     | Vila carola               | Arbusto    | 3,4     | 0,00-5,00 mts   |
| Condonsillo           | 4.8619N - 75.6552W                     | Vila carola               | Arbusto    | 3,5     | 0,00-5,00 mts   |
| Condonsillo           | 4.8619N - 75.6552W                     | Vila carola               | Arbusto    | 4       | 0,00-5,00 mts   |
| Saman                 | 4.8619N - 75.6552W                     | Vila carola               | arbol      | 11,4    | 10,01-20,00 mts |
| Condonsillo           | 4.8618N - 75.6552W                     | Vila carola               | Arbusto    | 4,4     | 0,00-5,00 mts   |
| Condonsillo           | 4.8618N - 75.6552W                     | Vila carola               | Arbusto    | 3,2     | 0,00-5,00 mts   |
| Laurel                | 4.8619N - 75.6552W                     | Vila carola               | arbol      | 8,3     | 5,01-10,00 mts  |
| Condonsillo           | 4.8619N - 75.6552W                     | Vila carola               | Arbusto    | 3,6     | 0,00-5,00 mts   |
| Guamo santafereño     | 4.8619N - 75.6552W                     | Vila carola               | arbol      | 7,9     | 5,01-10,00 mts  |
| Higuero de hoja ancha | 4.8617N - 75.6553W                     | Vila carola               | arbol      | 10,2    | 10,01-20,00 mts |
| Condonsillo           | 4.8617N - 75.6553W                     | Vila carola               | Arbusto    | 5,3     | 5,01-10,00 mts  |
| Guayacan de manizales | 4.8617N - 75.6553W                     | Vila carola               | arbol      | 9,5     | 5,01-10,00 mts  |
| Condonsillo           | 4.8617N - 75.6553W                     | Vila carola               | Arbusto    | 6,1     | 5,01-10,00 mts  |
| Carbonero rojo        | 4.8617N - 75.6553W                     | Vila carola               | arbol      | 3,6     | 0,00-5,00 mts   |
| Carbonero zorro       | 4.8616N - 75.6553W                     | Vila carola               | arbol      | 3,1     | 0,00-5,00 mts   |
| Laurel rosado         | 4.8617N - 75.6553W                     | Vila carola               | arbol      | 7,6     | 5,01-10,00 mts  |
| Guamo santafereño     | 4.8617N - 75.6554W                     | Vila carola               | arbol      | 12,5    | 10,01-20,00 mts |
| Condonsillo           | 4.8615N - 75.6553W                     | Vila carola               | Arbusto    | 2,8     | 0,00-5,00 mts   |
| Palma areca           | 4.8616N - 75.6553W                     | Vila carola               | Palma      | 2,6     | 0,00-5,00 mts   |
| Palma areca           | 4.8617N - 75.6553W                     | Vila carola               | Palma      | 2,4     | 0,00-5,00 mts   |
| Palma areca           | 4.8618N - 75.6553W                     | Vila carola               | Palma      | 3,6     | 0,00-5,00 mts   |
| Palma areca           | 4.8618N - 75.6552W                     | Vila carola               | Palma      | 3,2     | 0,00-5,00 mts   |
| Palma areca           | 4.8618N - 75.6552W                     | Vila carola               | Palma      | 3,2     | 0,00-5,00 mts   |
| Palma areca           | 4.8619N - 75.6552W                     | Vila carola               | Palma      | 2,6     | 0,00-5,00 mts   |
| Guayacan amarillo     | 4.8619N - 75.6552W                     | Vila carola               | arbol      | 3,3     | 0,00-5,00 mts   |
| Carbonero             | 4.8616N - 75.6554W                     | Vila carola               | arbol      | 15,2    | 10,01-20,00mts  |
| Acacia amarilla       | 4.8613N - 75.6552W                     | Vila carola               | arbol      | 3,5     | 0,00-5,00 mts   |

| NOM_COM               | COORDENADA                            | BARRIO               | HAB_CRECIM | H_mts_1     | Rango_ajsto     |
|-----------------------|---------------------------------------|----------------------|------------|-------------|-----------------|
| Acacia amarilla       | 4.8613N - 75.6552W                    | Villa carola         | arbol      | 5,4         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.8613N - 75.6552W                    | Villa carola         | arbol      | 5,1         | 5,01-10,00 mts  |
| Guayabo dulce         | 4.8613N - 75.6553W                    | Villa carola         | arbol      | 4,2         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8613N - 75.6553W                    | Villa carola         | arbol      | 3,3         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8613N - 75.6554W                    | Villa carola         | arbol      | 3,2         | 0,00-5,00 mts   |
| Higuerillo            | 4.8613N - 75.6554W                    | Villa carola         | arbol      | 4,8         | 0,00-5,00 mts   |
| Acacia amarilla       | 4.8613N - 75.6554W                    | Villa carola         | arbol      | 3,6         | 0,00-5,00 mts   |
| Carbonero rojo        | 4.8614N - 75.6555W                    | Villa carola         | arbol      | 2,6         | 0,00-5,00 mts   |
| Eucalipto             | 4.8614N - 75.6556W                    | Villa carola         | arbol      | 25          | 20,01-30,00mts  |
| Croto                 | 4.8615N - 75.6555W                    | Villa carola         | arbol      | 7           | 0,00-5,00 mts   |
| Guayacan rosado       | 4.8620N - 75.6550W                    | Villa carola         | arbol      | 3,4         | 0,00-5,00 mts   |
| Palma areca           | 4.8459433767692,12,-75.65843760967255 | Villa del Campo      | Palma      | 5,5         | 5,01-10,00 mts  |
| Araucaria             | 4.8438761010325075,-75.66915638744831 | Villa del Campo      | arbol      | 0,1-1-11,0  | 10,01-15,00 mts |
| Acacia amarilla       | 4.8441644108754724,-75.67009349422289 | Villa del Campo      | arbol      | 7           | 5,01-10,00 mts  |
| Naranja               | 4.843736119613087,-75.67040763795376  | Villa del Campo      | arbol      | 0,06-0,60   | 0,00-2,00 mts   |
| Noni                  | 4.843614517372199,-75.6708475202322   | Villa del Campo      | Arosto     | 2,4         | 2,01-5,00 mts   |
| Palma botella         | 4.8442N - 75.6697W                    | Villa del Campo      | Palma      | 16          | 15,01-25,00 mts |
| Palma botella         | 4.8442N - 75.6697W                    | Villa del Campo      | Palma      | 14          | 15,01-25,00 mts |
| Naranja               | 4.8494394904617596,-75.6633746048081  | Villa Maria          | arbol      | 0,31-3,1    | 0,00-2,00 mts   |
| Nogal cafetero        | 4.849395058361133,-75.65387262520533  | Villa Maria          | arbol      | 11          | 10,01-15,00 mts |
| Uracan                | 4.8494875973944875,-75.66300211310388 | Villa Maria          | arbol      | 12          | 10,01-15,00 mts |
| Palma areca           | 4.850568666173265,-75.6565885618329   | Villa Maria          | Palma      | 2,4         | 2,01-5,00 mts   |
| Palma areca           | 4.850469779659037,-75.65662007778883  | Villa Maria          | Palma      | 2,3         | 2,01-5,00 mts   |
| Palma areca           | 4.850243610755183,-75.65674614161253  | Villa Maria          | Palma      | 4,2         | 2,01-5,00 mts   |
| Palma zanccona-Cuency | 4.836736467794964,-75.66384594887495  | Villa Tula - Modelo  | Palma      | 9,5         | 5,01-10,00 mts  |
| Palma zanccona        | 4.836780900727355,-75.66390495747328  | Villa Tula - Modelo  | Palma      | 1,01-10,1   | 0,00-2,00 mts   |
| palma areca-Cuency    | 4.837310754869391,-75.664438473761082 | Villa Tula - Modelo  | Palma      | 0,41-4,1    | 0,00-2,00 mts   |
| Tupian africano       | 4.837300398329605,-75.6644082069397   | Villa Tula - Modelo  | arbol      | 8,6         | 5,01-10,00 mts  |
| Carbonero rosado      | 4.837634146096578,-75.66461943089962  | Villa Tula - Modelo  | arbol      | 0,51-5,1    | 0,00-2,00 mts   |
| Carbonero rosado      | 4.837621789071095,-75.66460132598877  | Villa Tula - Modelo  | arbol      | 5,4         | 5,01-10,00 mts  |
| Carbonero rosado      | 4.837658868146833,-75.66460801965455  | Villa Tula - Modelo  | arbol      | 0,71-7,1    | 0,00-2,00 mts   |
| Guanday               | 4.837576349948505,-75.66469563858042  | Villa Tula - Modelo  | arbol      | 11,2        | 10,01-15,00 mts |
| palma areca           | 4.837636816605399,-75.66478623984108  | Villa Tula - Modelo  | Palma      | 0,81-8,1    | 0,00-2,00 mts   |
| palma areca           | 4.837671563253378,-75.66475062386622  | Villa Tula - Modelo  | Palma      | 0,81-8,1    | 0,00-2,00 mts   |
| palma areca           | 4.837678578970054,-75.66468463275204  | Villa Tula - Modelo  | Palma      | 7,2         | 5,01-10,00 mts  |
| Aguate                | 4.837341156323982,-75.66457966631665  | Villa Tula - Modelo  | arbol      | 7,6         | 5,01-10,00 mts  |
| Guayacan de manizales | 4.837148939237989,-75.66475555300713  | Villa Tula - Modelo  | arbol      | 4,5         | 2,01-5,00 mts   |
| Pino libro            | 4.8373 - 75.6646                      | Villa Tula - Modelo  | arbol      | 1,9         | 0,00-5,00 mts   |
| Palma areca           | 4.8376 - 75.6642                      | Villa Tula - Modelo  | Palma      | 2,3         | 0,00-5,00 mts   |
| Francesina            | 4.8376 - 75.6643                      | Villa Tula - Modelo  | arbol      | 2,3         | 0,00-5,00 mts   |
| Benjamin              | 4.8308N - 75.6881W                    | Villas del campestre | arbol      | 18,2        | 15,00-25,00 mts |
| Mango                 | 4.821367843770767,-75.66254742443562  | Violetas             | arbol      | 0,71-7,1    | 0,00-2,00 mts   |
| Araucaria             | 4.822130236221278,-75.66270735114813  | Violetas             | arbol      | 12          | 10,01-15,00 mts |
| Palma areca           | 4.822414880334849,-75.66268723458052  | Violetas             | Palma      | 8,6         | 5,01-10,00 mts  |
| Araucaria             | 4.822383141853909,-75.66263023763895  | Violetas             | arbol      | 18          | 15,01-28,00 mts |
| Palma botella         | 48209 - 756607                        | Violetas             | Palma      | 7,2         | 5,01-15,00 mts  |
| Palma botella         | 48204 - 75661                         | Violetas             | Palma      | 3,4         | 0,00-5,00 mts   |
| Palma botella         | 48208 - 756605                        | Violetas             | Palma      | 5           | 0,00-5,00 mts   |
| Palma botella         | 48207 - 756607                        | Violetas             | Palma      | 4,9         | 0,00-5,00 mts   |
| Palma botella         | 48207 - 756607                        | Violetas             | Palma      | 5,2         | 5,01-15,00 mts  |
| Balso                 | 4.8224N - 75.6627W                    | Violetas             | arbol      | 10          | 5,01-15,00 mts  |
| Balso                 | 4.8226N - 75.6627W                    | Violetas             | arbol      | 7,5         | 5,01-15,00 mts  |
| Balso                 | 4.8226N - 75.6626W                    | Violetas             | arbol      | 8,4         | 5,01-15,00 mts  |
| Balso                 | 4.8224 - 756626                       | Violetas             | arbol      | 8,2         | 5,01-15,00 mts  |
| Casco de vaca         | 4.8224 - 756627                       | Violetas             | arbol      | 3,1         | 0,00-5,00 mts   |
| Guayaba agría         | 4.8222 - 756626                       | Violetas             | arbol      | 6,2         | 5,01-15,00 mts  |
| Limón mandarina       | 4.8211 - 756623                       | Violetas             | arbol      | 4,7         | 0,00-5,00 mts   |
| Vañillo               | 4.8229 - 756625                       | Violetas             | arbol      | 8,5         | 5,01-15,00 mts  |
| Aguate                | 4.8230 - 756625                       | Violetas             | arbol      | 6,8         | 5,01-15,00 mts  |
| Palma yuca            | 4.8229 - 756625                       | Violetas             | arbol      | 5,2         | 5,01-15,00 mts  |
| Balso tambor          | 4.8224 - 756626                       | Violetas             | arbol      | 8,2         | 5,01-15,00 mts  |
| Balso tambor          | 4.8222 - 756626                       | Violetas             | arbol      | 6,7         | 5,01-15,00 mts  |
| Balso tambor          | 4.8221 - 756626                       | Violetas             | arbol      | 8,6         | 5,01-15,00 mts  |
| Balso tambor          | 4.8224 - 756627                       | Violetas             | arbol      | 10,2        | 5,01-15,00 mts  |
| Palma areca           | 4.8210N - 75.6622W                    | Violetas             | Palma      | 1,8         | 0,01-5,00mts    |
| Palma areca           | 4.8210N - 75.6622W                    | Violetas             | Palma      | 2           | 0,01-5,00mts    |
| Palma areca           | 4.8210N - 75.6622W                    | Violetas             | Palma      | 2,1         | 0,01-5,00mts    |
| Palma areca           | 4.8210N - 75.6622W                    | Violetas             | Palma      | 2,4         | 0,01-5,00mts    |
| Palma areca           | 4.8210N - 75.6622W                    | Violetas             | Palma      | 2,6         | 0,01-5,00mts    |
| Palma areca           | 4.8210N - 75.6623W                    | Violetas             | Palma      | 2,3         | 0,01-5,00mts    |
| Leucaena              | 4.823658N-75.663336W                  | Violetas             | arbol      | 3,2         | 0,00-5,00 mts   |
| Palma cubana          | 4.8250611962473915,-75.68445637822151 | Zona industrial      | Palma      | 0,16 - 16,0 | 0,00-2,00 mts   |
| Palma cubana          | 4.824970324315386,-75.68423945485743  | Zona industrial      | Palma      | 8           | 5,01-10,00 mts  |
| Palma cubana          | 4.824921881552545,-75.6841029971838   | Zona industrial      | Palma      | 13          | 10,01-15,00 mts |
| Palma cubana          | 4.824906847590956,-75.68402990698814  | Zona industrial      | Palma      | 14          | 10,01-15,00 mts |
| Palma cubana          | 4.824877781930936,-75.68398766219616  | Zona industrial      | Palma      | 13          | 10,01-15,00 mts |
| Mango                 | 4.8254377132772515,-75.68484999239445 | Zona industrial      | arbol      | 3,6         | 2,01-5,00 mts   |
| Mango                 | 4.825431031521668,-75.68477120250463  | Zona industrial      | arbol      | 6,2 - 11,20 | 5,01-10,00 mts  |
| Acacia amarilla       | 4.8254116544301054,-75.6848644092679  | Zona industrial      | arbol      | 5,8         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.825378579739032,-75.684821115964754 | Zona industrial      | arbol      | 4,1         | 2,01-5,00 mts   |
| Mango                 | 4.82538793419655,-75.6846608966589    | Zona industrial      | arbol      | 4,9         | 2,01-5,00 mts   |
| Acacia amarilla       | 4.825323789335517,-75.6846847012639   | Zona industrial      | arbol      | 3,5         | 2,01-5,00 mts   |
| Acacia amarilla       | 4.825301405450291,-75.68460557609797  | Zona industrial      | arbol      | 9,8         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.8252776852129825,-75.68453650521583 | Zona industrial      | arbol      | 8           | 5,01-10,00 mts  |
| Acacia amarilla       | 4.8252409395547692,-75.6844362616539  | Zona industrial      | arbol      | 9           | 5,01-10,00 mts  |
| Acacia amarilla       | 4.825203183616825,-75.6843826174736   | Zona industrial      | arbol      | 9,8         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.825182470167137,-75.68434473127127  | Zona industrial      | arbol      | 10,5        | 10,01-15,00 mts |
| Acacia amarilla       | 4.825174786145315,-75.68426329414272  | Zona industrial      | arbol      | 8,6         | 5,01-10,00 mts  |
| Acacia amarilla       | 4.8251403750900135,-75.68416636437176 | Zona industrial      | arbol      | 13          | 10,01-15,00 mts |
| Acacia amarilla       | 4.825114650319375,-75.6840768456469   | Zona industrial      | arbol      | 10,5        | 10,01-15,00 mts |
| Acacia amarilla       | 4.825074893853742,-75.68403225392103  | Zona industrial      | arbol      | 11          | 10,01-15,00 mts |
| Palma cubana          | 4.824166174004496,-75.68462133407593  | Zona industrial      | Palma      | 11          | 10,01-15,00 mts |
| Palma cubana          | 4.824154814998694,-75.6845710426569   | Zona industrial      | Palma      | 13,6        | 10,01-15,00 mts |
| Palma cubana          | 4.824153478645048,-75.68449628773737  | Zona industrial      | Palma      | 9,8         | 5,01-10,00 mts  |
| Palma cubana          | 4.824159626324798,-75.68450633436441  | Zona industrial      | Palma      | 13          | 10,01-15,00 mts |
| Palma cubana          | 4.824100652674261,-75.68443760275841  | Zona industrial      | Palma      | 11          | 10,01-15,00 mts |
| Palma cubana          | 4.824111383504122,-75.68443559110186  | Zona industrial      | Palma      | 7,5         | 5,01-10,00 mts  |
| Palma cubana          | 4.824116394830555,-75.68434372544289  | Zona industrial      | Palma      | 11,3        | 10,01-15,00 mts |
| Palma cubana          | 4.824100471503975,-75.6843260309489   | Zona industrial      | Palma      | 11          | 10,01-15,00 mts |
| Palma cubana          | 4.824057595264675,-75.68427901711504  | Zona industrial      | Palma      | 16          | 15,01-28,00 mts |
| Palma cubana          | 4.82406962244903,-75.6843262910843    | Zona industrial      | Palma      | 13          | 10,01-15,00 mts |
| Palma cubana          | 4.824038552222374,-75.68425866530666  | Zona industrial      | Palma      | 14,5        | 10,01-15,00 mts |
| Palma cubana          | 4.824061604326159,-75.68429812789863  | Zona industrial      | Palma      | 15          | 10,01-15,00 mts |
| Palma cubana          | 4.824049911230123,-75.68424964812737  | Zona industrial      | Palma      | 13,8        | 10,01-15,00 mts |
| Palma cubana          | 4.824057595264675,-75.6842454896577   | Zona industrial      | Palma      | 13          | 10,01-15,00 mts |
| Palma cubana          | 4.824030200010669,-75.68423436714172  | Zona industrial      | Palma      | 14          | 10,01-15,00 mts |
| Palma cubana          | 4.824014163763898,-75.68419083962904  | Zona industrial      | Palma      | 13          | 10,01-15,00 mts |
| Palma cubana          | 4.82400313884403,-75.68413015455009   | Zona industrial      | Palma      | 11,6        | 10,01-15,00 mts |
| Palma cubana          | 4.823996788897342,-75.68408120423655  | Zona industrial      | Palma      | 12          | 10,01-15,00 mts |
| Palma cubana          | 4.823991445746698,-75.6840704753996   | Zona industrial      | Palma      | 11          | 10,01-15,00 mts |
| Palma cubana          | 4.823983427623189,-75.68400610238314  | Zona industrial      | Palma      | 11          | 10,01-15,00 mts |
| Palma cubana          | 4.823957073226033,-75.6839896605394   | Zona industrial      | Palma      | 11          | 10,01-15,00 mts |
| Palma cubana          | 4.823966386844311,-75.68399369716644  | Zona industrial      | Palma      | 12,4        | 10,01-15,00 mts |

| NOM_COM           | COORDENADA                           | BARRIO                              | HAB_CRECHA    | H_mts_1     | Rango_aflu      |
|-------------------|--------------------------------------|-------------------------------------|---------------|-------------|-----------------|
| Palma cubana      | 4.823941333471717-75.68395715206961  | Zona Industrial                     | Palma         | 13          | 10,01-15,00 mts |
| Palma cubana      | 4.823846114972834-75.68373452872038  | Zona Industrial                     | Palma         | 11          | 10,01-15,00 mts |
| Palma cubana      | 4.823842108175773-75.68368591368198  | Zona Industrial                     | Palma         | 12          | 10,01-15,00 mts |
| Palma cubana      | 4.823828410544563-75.68366378545761  | Zona Industrial                     | Palma         | 11          | 10,01-15,00 mts |
| Palma cubana      | 4.823807697052917-75.68365540355444  | Zona Industrial                     | Palma         | 10          | 5,01-10,00 mts  |
| Palma cubana      | 4.823563789684728-75.6833810697794   | Zona Industrial                     | Palma         | 7,9         | 5,01-10,00 mts  |
| Palma cubana      | 4.823514033127698-75.6833178418875   | Zona Industrial                     | Palma         | 0,72-7,2    | 0,00-2,00 mts   |
| Palma cubana      | 4.823489978739112-75.68331300872564  | Zona Industrial                     | Palma         | 12,3        | 10,01-15,00 mts |
| Palma cubana      | 4.823479267899468-75.68326405841111  | Zona Industrial                     | Palma         | 4,1         | 2,01-4,00 mts   |
| Palma cubana      | 4.823470267503387-75.68322348417139  | Zona Industrial                     | Palma         | 11          | 10,01-15,00 mts |
| Palma cubana      | 4.8232176963644975-75.68453583866358 | Zona Industrial                     | Palma         | 13          | 10,01-15,00 mts |
| Palma cubana      | 4.823037288350618-75.6840486648661   | Zona Industrial                     | Palma         | 8           | 5,01-10,00 mts  |
| Palma cubana      | 4.82296717200493-75.68394541740417   | Zona Industrial                     | Palma         | 10          | 5,01-10,00 mts  |
| Palma cubana      | 4.822971806911504-75.68391222506762  | Zona Industrial                     | Palma         | 8           | 5,01-10,00 mts  |
| Acacia amarilla   | 4.82300958966463-75.68375363945961   | Zona Industrial                     | arbol         | 0,62 - 6,20 | 0,00-2,00 mts   |
| Acacia amarilla   | 4.823064015468805-75.68374190479517  | Zona Industrial                     | arbol         | 5           | 5,01-10,00 mts  |
| Palma areca       | 4.8220948227434075-75.68453041596174 | Zona Industrial                     | Palma         | 6,8         | 5,01-10,00 mts  |
| Palma robleini    | 4.822716592874282-75.68540420383215  | Zona Industrial                     | Palma         | 0,34 - 3,40 | 0,00-2,00 mts   |
| Palma areca       | 4.82262440435208-75.68539645248123   | Zona Industrial                     | Palma         | 7,2         | 5,01-10,00 mts  |
| Bambú amarillo    | 4.81975352003491-75.68623133003712   | Zona Industrial                     | Herbacea rizo | 0           | 0,00-2,00 mts   |
| San Joaquin       | 4.8245N - 75.6850W                   | Zona Industrial                     | Arbusto       | 2,6         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8224N - 75.6840W                   | Zona Industrial                     | Arbusto       | 2,2         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8225N - 75.6840W                   | Zona Industrial                     | Arbusto       | 2,5         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8225N - 75.6840W                   | Zona Industrial                     | Arbusto       | 2,6         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8225N - 75.6840W                   | Zona Industrial                     | Arbusto       | 1,3         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8224N - 75.6840W                   | Zona Industrial                     | Arbusto       | 2,7         | 0,00-5,00 mts   |
| Acacia Magnium    | 4.8231N - 75.6844W                   | Zona Industrial                     | arbol         | 2,4         | 0,00-5,00 mts   |
| Acacia Magnium    | 4.8232N - 75.6845W                   | Zona Industrial                     | arbol         | 2,5         | 0,00-5,00 mts   |
| Acacia Magnium    | 4.8232N - 75.6846W                   | Zona Industrial                     | arbol         | 2,3         | 0,00-5,00 mts   |
| Acacia Magnium    | 4.8232N - 75.6846W                   | Zona Industrial                     | arbol         | 2,1         | 0,00-5,00 mts   |
| Acacia Magnium    | 4.8233N - 75.6847W                   | Zona Industrial                     | arbol         | 2,2         | 0,00-5,00 mts   |
| Acacia Magnium    | 4.8233N - 75.6848W                   | Zona Industrial                     | arbol         | 2,6         | 0,00-5,00 mts   |
| Acacia Magnium    | 4.8233N - 75.6849W                   | Zona Industrial                     | arbol         | 1,8         | 0,00-5,00 mts   |
| Acacia Magnium    | 4.8233N - 75.6849W                   | Zona Industrial                     | arbol         | 2,4         | 0,00-5,00 mts   |
| Guamo santafereño | 4.8233N - 75.6850W                   | Zona Industrial                     | arbol         | 1,9         | 0,00-5,00 mts   |
| Ebano Ornamental  | 4.8234N - 75.6851W                   | Zona Industrial                     | arbol         | 1,6         | 0,00-5,00 mts   |
| Ebano Ornamental  | 4.8234N - 75.6851W                   | Zona Industrial                     | arbol         | 1,4         | 0,00-5,00 mts   |
| Ebano Ornamental  | 4.8235N - 75.6851W                   | Zona Industrial                     | arbol         | 1,5         | 0,00-5,00 mts   |
| Ebano Ornamental  | 4.8235N - 75.6852W                   | Zona Industrial                     | arbol         | 1,7         | 0,00-5,00 mts   |
| Ebano Ornamental  | 4.8235N - 75.6852W                   | Zona Industrial                     | arbol         | 1,6         | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8228N - 75.6855W                   | Zona Industrial                     | arbol         | 1,3         | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8226N - 75.6854W                   | Zona Industrial                     | arbol         | 1,6         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8225N - 75.6854W                   | Zona Industrial                     | arbol         | 1,3         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8225N - 75.6853W                   | Zona Industrial                     | arbol         | 1,5         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8224N - 75.6852W                   | Zona Industrial                     | arbol         | 1,8         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8224N - 75.6852W                   | Zona Industrial                     | arbol         | 2,6         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8224N - 75.6851W                   | Zona Industrial                     | arbol         | 2,9         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8224N - 75.6851W                   | Zona Industrial                     | arbol         | 2,4         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8223N - 75.6850W                   | Zona Industrial                     | arbol         | 2,2         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8223N - 75.6850W                   | Zona Industrial                     | arbol         | 2,6         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8223N - 75.6850W                   | Zona Industrial                     | arbol         | 2,5         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8223N - 75.6849W                   | Zona Industrial                     | arbol         | 2,2         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8223N - 75.6849W                   | Zona Industrial                     | arbol         | 2,8         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8223N - 75.6849W                   | Zona Industrial                     | arbol         | 2,3         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8223N - 75.6849W                   | Zona Industrial                     | arbol         | 2,8         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8223N - 75.6849W                   | Zona Industrial                     | arbol         | 1,4         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8223N - 75.6847W                   | Zona Industrial                     | arbol         | 1,6         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8223N - 75.6847W                   | Zona Industrial                     | arbol         | 2,4         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8223N - 75.6847W                   | Zona Industrial                     | arbol         | 1,7         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8223N - 75.6846W                   | Zona Industrial                     | arbol         | 1,9         | 0,00-5,00 mts   |
| Carbonero Rojo    | 4.8223N - 75.6846W                   | Zona Industrial                     | arbol         | 2,2         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8252- 75.6845                      | Zona Industrial                     | arbol         | 1,8         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8253- 75.6847                      | Zona Industrial                     | arbol         | 1,8         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8253- 75.6847                      | Zona Industrial                     | arbol         | 2,5         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8251- 75.6845                      | Zona Industrial                     | arbol         | 2,1         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8253- 75.6849                      | Zona Industrial                     | arbol         | 1,5         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8254- 75.6849                      | Zona Industrial                     | arbol         | 1,3         | 0,00-5,00 mts   |
| Palma quency      | 4.8263N - 75.6838W                   | Zona Industrial                     | Palma         | 2,7         | 0,00-5,00 mts   |
| Palma areca       | 4.8229N - 75.6834W                   | Zona Industrial                     | Palma         | 2,5         | 0,00-5,00 mts   |
| Palma robleini    | 4.8233- 75.6837                      | Zona Industrial                     | Palma         | 2,5         | 0,00-5,00 mts   |
| Calistemo         | 4.8233- 75.6836                      | Zona Industrial                     | arbol         | 3,9         | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8233- 75.6836                      | Zona Industrial                     | arbol         | 1,4         | 0,00-5,00 mts   |
| Acacia amarilla   | 4.8234- 75.6836                      | Zona Industrial                     | arbol         | 3,2         | 0,00-5,00 mts   |
| Palma yuca        | 4.8231- 75.6856                      | Zona Industrial                     | Arbusto       | 3,2         | 0,00-5,00 mts   |
| Acacia amarilla   | 482563069-7568209873                 | Zona Industrial                     | arbol         | 3           | 0,00-5,00 mts   |
| Acacia amarilla   | 482569543-7568203638                 | Zona Industrial                     | arbol         | 3           | 0,00-5,00 mts   |
| Calistemo         | 48257537-756820207                   | Zona Industrial                     | arbol         | 4           | 0,00-5,00 mts   |
| Calistemo         | 482593679-7568193201                 | Zona Industrial                     | arbol         | 4           | 0,00-5,00 mts   |
| Acacia amarilla   | 482594701-7568192534                 | Zona Industrial                     | arbol         | 3           | 0,00-5,00 mts   |
| Acacia amarilla   | 482594867-7568192653                 | Zona Industrial                     | arbol         | 6           | 5,01-15,00 mts  |
| Palma cubana      | 4.822019986708618-75.68408187478791  | Zona Industrial - AV. SIMON BOLIVAR | Palma         | 9,8         | 5,01-10,00 mts  |
| Palma cubana      | 4.822047716133178-75.68407952765482  | Zona Industrial - AV. SIMON BOLIVAR | Palma         | 11          | 10,01-15,00 mts |
| Palma cubana      | 4.822137252098749-75.68400040265898  | Zona Industrial - AV. SIMON BOLIVAR | Palma         | 5,5         | 5,01-10,00 mts  |
| Palma cubana      | 4.822173667842565-75.6839719042182   | Zona Industrial - AV. SIMON BOLIVAR | Palma         | 7,7         | 5,01-10,00 mts  |
| Palma quency      | 4.822534484281243-75.68383008241653  | Zona Industrial - AV. SIMON BOLIVAR | Palma         | 8,9         | 5,01-10,00 mts  |
| Palma quency      | 4.822594286248533-75.68381489489083  | Zona Industrial - AV. SIMON BOLIVAR | Palma         | 5           | 2,01-4,00 mts   |
| Palma quency      | 4.822644399621228-75.68380527198315  | Zona Industrial - AV. SIMON BOLIVAR | Palma         | 6,8         | 5,01-10,00 mts  |
| Palma quency      | 4.822703867487721-75.6837757676584   | Zona Industrial - AV. SIMON BOLIVAR | Palma         | 3,8         | 2,01-4,00 mts   |
| ebano ornamental  | 4.827120177238912-75.68869728595018  | Zona Industrial la Macarena         | arbol         | 3,3         | 2,01-4,00 mts   |
| ebano ornamental  | 4.827097793413846-75.68864062428474  | Zona Industrial la Macarena         | arbol         | 2,5         | 2,01-4,00 mts   |
| Palma cubana      | 4.826912703212661-75.68850617855787  | Zona Industrial la Macarena         | Palma         | 15          | 10,01-15,00 mts |
| Palma cubana      | 4.82688820857476-75.68848806199026   | Zona Industrial la Macarena         | Palma         | 14,1        | 10,01-15,00 mts |
| Palma cubana      | 4.826850234931167-75.68845387546208  | Zona Industrial la Macarena         | Palma         | 14,9        | 10,01-15,00 mts |
| Palma cubana      | 4.8268289533579505-75.68841887148876 | Zona Industrial la Macarena         | Palma         | 13,1        | 10,01-15,00 mts |
| Palma cubana      | 4.826793774211914-75.68837609142065  | Zona Industrial la Macarena         | Palma         | 11          | 10,01-15,00 mts |
| Palma cubana      | 4.826753015583258-75.68833384662967  | Zona Industrial la Macarena         | Palma         | 12,1        | 10,01-15,00 mts |
| Palma cubana      | 4.826715597823653-75.68830467760563  | Zona Industrial la Macarena         | Palma         | 9,3         | 5,01-10,00 mts  |
| Palma cubana      | 4.826666949390515-75.68813865763903  | Zona Industrial la Macarena         | Palma         | 11,1        | 10,01-15,00 mts |
| Palma cubana      | 4.8265134968670755-75.68810652941465 | Zona Industrial la Macarena         | Palma         | 9,3         | 5,01-10,00 mts  |
| Palma cubana      | 4.826501782014899-75.68808907757092  | Zona Industrial la Macarena         | Palma         | 8,5         | 5,01-10,00 mts  |
| Palma cubana      | 4.826472382359217-75.6880605969527   | Zona Industrial la Macarena         | Palma         | 11,8        | 10,01-15,00 mts |
| Palma cubana      | 4.826440978131985-75.68802338093519  | Zona Industrial la Macarena         | Palma         | 11,5        | 10,01-15,00 mts |
| Palma cubana      | 4.82640456351708-75.6879583000896    | Zona Industrial la Macarena         | Palma         | 8,9         | 5,01-10,00 mts  |
| Palma cubana      | 4.826377501545108-75.68795800209045  | Zona Industrial la Macarena         | Palma         | 12          | 10,01-15,00 mts |
| Acacia amarilla   | 4.82600664524117-75.68729918450117   | Zona Industrial la Macarena         | arbol         | 0,36 - 3,60 | 0,00-2,00 mts   |
| Palma quency      | 4.825947531034477-75.68724721670152  | Zona Industrial la Macarena         | Palma         | 5,8         | 5,01-10,00 mts  |
| Palma quency      | 4.82595079290752-75.68717814981537   | Zona Industrial la Macarena         | Palma         | 7,5         | 5,01-10,00 mts  |
| Palma quency      | 4.825881381700966-75.68716574460268  | Zona Industrial la Macarena         | Palma         | 7,3         | 5,01-10,00 mts  |
| Palma quency      | 4.825867684110886-75.68714763969182  | Zona Industrial la Macarena         | Palma         | 6,8         | 5,01-10,00 mts  |
| Orto              | 4.825813227835461-75.68727739155293  | Zona Industrial la Macarena         | Arbusto       | 3,2         | 2,01-4,00 mts   |
| Palma yuca        | 4.825806880171155-75.68726263940334  | Zona Industrial la Macarena         | Arbusto       | 5,8         | 5,01-10,00 mts  |
| Palma yuca        | 4.825792848491987-75.68724889308214  | Zona Industrial la Macarena         | Arbusto       | 5,3         | 5,01-10,00 mts  |
| Palma yuca        | 4.825762112431835-75.68721905350685  | Zona Industrial la Macarena         | Arbusto       | 7,2         | 5,01-10,00 mts  |

| NOM_COM           | COORDENADA                            | BARRIO                                 | HAB_CRECIA    | H_mts_1      | Rango_aflu      |
|-------------------|---------------------------------------|--|---------------|--------------|-----------------|
| Palma yuca        | 4.825745742138352,-75.68719625473022  | Zona Industrial la Macarena            | Arbusto       | 7            | 5,01-10,00 mts  |
| Palma zanzona     | 4.824893484069257,-75.68586051464081  | Zona Industrial la Macarena            | Palma         | 13,2         | 10,01-15,00 mts |
| Matapalo          | 4.824140137760933,-75.68658135831386  | Zona Industrial la Macarena            | arbol         | 12,1         | 10,01-15,00 mts |
| Pizamo            | 4.824259384662671,-75.68619444966316  | Zona Industrial la Macarena            | arbol         | 22,5         | 15,01-20,00 mts |
| Aguate            | 4.824010822879108,-75.68808171898127  | Zona Industrial la Macarena            | arbol         | 2,6          | 2,01-5,00 mts   |
| Aguate            | 4.824032538629957,-75.68806529045105  | Zona Industrial la Macarena            | arbol         | 4,9          | 2,01-5,00 mts   |
| Aguate            | 4.8240525839378146,-75.688057243824   | Zona Industrial la Macarena            | arbol         | 5,7          | 5,01-10,00 mts  |
| Aguate            | 4.824169180800121,-75.68796437233686  | Zona Industrial la Macarena            | arbol         | 0,66 - 6,60  | 0,00-2,00 mts   |
| Aguate            | 4.824032327816258,-75.68797644227745  | Zona Industrial la Macarena            | arbol         | 0,68 - 6,80  | 0,00-2,00 mts   |
| Palma areca       | 4.82445783311809,-75.68781115114689   | Zona Industrial la Macarena            | Palma         | 4,9          | 2,01-5,00 mts   |
| Palma areca       | 4.8244502578296219,-75.68780612200489 | Zona Industrial la Macarena            | Palma         | 9            | 5,01-10,00 mts  |
| Aguate            | 4.824524650766786,-75.68776186555624  | Zona Industrial la Macarena            | arbol         | 2,4          | 2,01-5,00 mts   |
| Aguate            | 4.824537013031066,-75.68774744868279  | Zona Industrial la Macarena            | arbol         | 2,6          | 2,01-5,00 mts   |
| Aguate            | 4.824528993913729,-75.6877761770584   | Zona Industrial la Macarena            | arbol         | 2,2          | 2,01-5,00 mts   |
| Aguate            | 4.824606836466678,-75.68769963947277  | Zona Industrial la Macarena            | arbol         | 2,9          | 2,01-5,00 mts   |
| Aguate            | 4.82465234063386,-75.68769112229347   | Zona Industrial la Macarena            | arbol         | 2,2          | 2,01-5,00 mts   |
| Guamo santafereño | 4.824851388974219,-75.68758081644773  | Zona Industrial la Macarena            | arbol         | 9,2          | 5,01-10,00 mts  |
| Guayabo dulce     | 4.8245265689049954,-75.68725784553757 | Zona Industrial la Macarena            | arbol         | 3,5          | 2,01-5,00 mts   |
| Palma quency      | 4.824283438023993,-75.68692702000036  | Zona Industrial la Macarena            | Palma         | 3,6          | 2,01-5,00 mts   |
| Palma quency      | 4.824267068694849,-75.68697698414326  | Zona Industrial la Macarena            | Palma         | 5,9          | 5,01-10,00 mts  |
| Palma de coco     | 4.824286779907433,-75.68700917065144  | Zona Industrial la Macarena            | Palma         | 4,9          | 2,01-5,00 mts   |
| Palma quency      | 4.824247357481693,-75.68702895194292  | Zona Industrial la Macarena            | Palma         | 7,2          | 5,01-10,00 mts  |
| Palma de coco     | 4.824263059634603,-75.68706080317497  | Zona Industrial la Macarena            | Palma         | 4,5          | 2,01-5,00 mts   |
| Palma quency      | 4.824237688919074,-75.68706952035426  | Zona Industrial la Macarena            | Palma         | 7,3          | 5,01-10,00 mts  |
| Palma de coco     | 4.824203842769485,-75.68710036575794  | Zona Industrial la Macarena            | Palma         | 3            | 2,01-5,00 mts   |
| Palma quency      | 4.824220964500459,-75.68713322261837  | Zona Industrial la Macarena            | Palma         | 7,8          | 5,01-10,00 mts  |
| Palma manila      | 4.824074299687327,-75.6873477993958   | Zona Industrial la Macarena            | Palma         | 2,3          | 2,01-5,00 mts   |
| Palma manila      | 4.8240529180262675,-75.6873806566     | Zona Industrial la Macarena            | Palma         | 2,5          | 2,01-5,00 mts   |
| Palma manila      | 4.823967057296819,-75.68758349865675  | Zona Industrial la Macarena            | Palma         | 3,2          | 2,01-5,00 mts   |
| Palma manila      | 4.823953025569612,-75.68761702626944  | Zona Industrial la Macarena            | Palma         | 3,5          | 2,01-5,00 mts   |
| Palma manila      | 4.823939662029158,-75.6876568888624   | Zona Industrial la Macarena            | Palma         | 2,3          | 2,01-5,00 mts   |
| Palma manila      | 4.823914939478602,-75.68769179284573  | Zona Industrial la Macarena            | Palma         | 2,2          | 2,01-5,00 mts   |
| Palma manila      | 4.82390157937372,-75.68772866156292   | Zona Industrial la Macarena            | Palma         | 2,6          | 2,01-5,00 mts   |
| Palma manila      | 4.823887878307375,-75.6877695760716   | Zona Industrial la Macarena            | Palma         | 2,5          | 2,01-5,00 mts   |
| Palma manila      | 4.823870171614489,-75.68781081587076  | Zona Industrial la Macarena            | Palma         | 2,4          | 2,01-5,00 mts   |
| Palma manila      | 4.823848789947005,-75.68784601986408  | Zona Industrial la Macarena            | Palma         | 2,5          | 2,01-5,00 mts   |
| Palma manila      | 4.823823066127424,-75.68788088865129  | Zona Industrial la Macarena            | Palma         | 2,9          | 2,01-5,00 mts   |
| Palma quency      | 4.8237395429782,-75.68796549473286    | Zona Industrial la Macarena            | Palma         | 4,7          | 2,01-5,00 mts   |
| Palma quency      | 4.823718495396237,-75.6880196328978   | Zona Industrial la Macarena            | Palma         | 5,5          | 5,01-10,00 mts  |
| Palma quency      | 4.823693104660353,-75.6880556744336   | Zona Industrial la Macarena            | Palma         | 4,9          | 2,01-5,00 mts   |
| Palma quency      | 4.82365686732065,-75.68809304781733   | Zona Industrial la Macarena            | Palma         | 6,5          | 5,01-10,00 mts  |
| Palma quency      | 4.8236316323484925,-75.68813636316156 | Zona Industrial la Macarena            | Palma         | 5,2          | 5,01-10,00 mts  |
| Palma quency      | 4.823609916584819,-75.68816520273685  | Zona Industrial la Macarena            | Palma         | 6,2          | 5,01-10,00 mts  |
| Palma quency      | 4.823575171361499,-75.68819269537926  | Zona Industrial la Macarena            | Palma         | 4,5          | 2,01-5,00 mts   |
| Palma quency      | 4.8235430988461,-75.68822488188744    | Zona Industrial la Macarena            | Palma         | 7,1          | 5,01-10,00 mts  |
| Palma quency      | 4.82351770810365,-75.6882505673885    | Zona Industrial la Macarena            | Palma         | 4,9          | 2,01-5,00 mts   |
| Palma quency      | 4.823381733979953,-75.68841230124235  | Zona Industrial la Macarena            | Palma         | 5,6          | 5,01-10,00 mts  |
| Palma cubana      | 4.8232547802280745,-75.68866107612848 | Zona Industrial la Macarena            | Palma         | 8,3          | 5,01-10,00 mts  |
| Palma cubana      | 4.8232176963644875,-75.68871337920429 | Zona Industrial la Macarena            | Palma         | 8,7          | 5,01-10,00 mts  |
| Guadua            | 4.824192901076259,-75.68650266842375  | Zona Industrial la Macarena - LA BACEA | Herbacea rizo | 0            | 0,00-2,00 mts   |
| Saman             | 4.823203998720682,-75.68837052041292  | Zona Industrial la Macarena - LA BACEA | arbol         | 1,11-11,1    | 0,00-2,00 mts   |
| Saman             | 4.82329389474849,-75.68850697779655   | Zona Industrial la Macarena - LA BACEA | arbol         | 10,9         | 10,01-15,00 mts |
| Palma yuca        | 4.8237271817003915,-75.69213923066853 | Zona Industrial la Macarena - LA BACEA | Arbusto       | 3,5          | 2,01-5,00 mts   |
| Palma cubana      | 4.823820741952785,-75.69259631417036  | Zona Industrial la Macarena - LA BACEA | Palma         | 7,5 - 12,5   | 5,01-10,00 mts  |
| Guadua            | 4.8260574468218475,-75.69254893806957 | Zona Industrial la Macarena - LA BACEA | Herbacea rizo | 0            | 0,00-2,00 mts   |
| Palma manila      | 4.825431365809447,-75.69293316451695  | Zona Industrial la Macarena - LA BACEA | Palma         | 3,6          | 2,01-5,00 mts   |
| Mandarino         | 4.82442090202991,-75.6928838789463    | Zona Industrial la Macarena - LA BACEA | arbol         | 0,47-4,7     | 0,00-2,00 mts   |
| Benjamin          | 4.823107781117311,-75.6925543025136   | Zona Industrial la Macarena - LA BACEA | arbol         | 7,1          | 5,01-10,00 mts  |
| Guamo santafereño | 4.819724788244929,-75.68603452295065  | Zona Industrial viaducto               | arbol         | 7,5          | 5,01-10,00 mts  |
| Mango             | 4.81960484971319,-75.68568918854      | Zona Industrial viaducto               | arbol         | 9,3          | 5,01-10,00 mts  |
| Guamo santafereño | 4.819577788370234,-75.68671165204048  | Zona Industrial viaducto               | arbol         | 11           | 10,01-15,00 mts |
| Mango             | 4.819473217985481,-75.68660905754566  | Zona Industrial viaducto               | arbol         | 6,2          | 5,01-10,00 mts  |
| Guamo santafereño | 4.819596831537611,-75.68679412996769  | Zona Industrial viaducto               | arbol         | 7,5          | 5,01-10,00 mts  |
| Aguate            | 4.819658638305241,-75.6867510694264   | Zona Industrial viaducto               | arbol         | 6,5          | 5,01-10,00 mts  |
| Mango             | 4.819776238193657,-75.68625601178408  | Zona Industrial viaducto               | arbol         | 6,2          | 5,01-10,00 mts  |
| Benjamin          | 4.819594490293782,-75.68479903042346  | Zona Industrial viaducto               | arbol         | 9,4          | 5,01-10,00 mts  |
| Urapan            | 4.81947889752756,-75.68535930406988   | Zona Industrial viaducto               | arbol         | 10,4         | 10,01-15,00 mts |
| Urapan            | 4.819393036209912,-75.68528082221748  | Zona Industrial viaducto               | arbol         | 12,8         | 10,01-15,00 mts |
| Urapan            | 4.819280781708214,-75.68523690104485  | Zona Industrial viaducto               | arbol         | 13,5         | 10,01-15,00 mts |
| Carbonero rojo    | 4.819520565301377,-75.6843448197842   | Zona Industrial viaducto               | arbol         | 5,4          | 5,01-10,00 mts  |
| Benjamin          | 4.819548294811634,-75.68505940734148  | Zona Industrial viaducto               | arbol         | 12           | 10,01-15,00 mts |
| Benjamin - URAPAN | 4.81959439929066,-75.68514067679644   | Zona Industrial viaducto               | arbol         | 10           | 5,01-10,00 mts  |
| Benjamin          | 4.820100640052642,-75.68509977310896  | Zona Industrial viaducto               | arbol         | 10,2         | 10,01-15,00 mts |
| Urapan            | 4.8201403968094745,-75.68510748445988 | Zona Industrial viaducto               | arbol         | 9,8          | 5,01-10,00 mts  |
| arbol pulpo       | 4.820207548973302,-75.68507295101881  | Zona Industrial viaducto               | arbol         | 8,6          | 5,01-10,00 mts  |
| Casco de vaca     | 4.82021757168375,-75.6850098383063    | Zona Industrial viaducto               | arbol         | 13,8         | 10,01-15,00 mts |
| Mango             | 4.820246635272231,-75.68491905927658  | Zona Industrial viaducto               | arbol         | 9,5          | 5,01-10,00 mts  |
| Palma areca       | 4.8200020833716512,-75.68490229547024 | Zona Industrial viaducto               | Palma         | 7,9          | 5,01-10,00 mts  |
| Cedro rosado      | 4.820069238554003,-75.68489022552967  | Zona Industrial viaducto               | arbol         | 9,7          | 5,01-10,00 mts  |
| Saman             | 4.820568032366164,-75.6849368289113   | Zona Industrial viaducto               | arbol         | 9            | 5,01-10,00 mts  |
| Saman             | 4.820592086886245,-75.6849526909828   | Zona Industrial viaducto               | arbol         | 8,2          | 5,01-10,00 mts  |
| Guayacan rosado   | 4.820673207062675,-75.68489233718643  | Zona Industrial viaducto               | arbol         | 6,7          | 5,01-10,00 mts  |
| Guayacan rosado   | 4.820723718369191,-75.68489760160446  | Zona Industrial viaducto               | arbol         | 5,8          | 5,01-10,00 mts  |
| Saman             | 4.820518921108882,-75.68476013839245  | Zona Industrial viaducto               | arbol         | 10,3         | 10,01-15,00 mts |
| Saman             | 4.82058807776281,-75.68475108593702   | Zona Industrial viaducto               | arbol         | 6,5          | 5,01-10,00 mts  |
| Tulipan africano  | 4.82060478228427,-75.684822839502817  | Zona Industrial viaducto               | arbol         | 14           | 10,01-15,00 mts |
| Saman             | 4.82065122081428,-75.68472358746634   | Zona Industrial viaducto               | arbol         | 10,2         | 10,01-15,00 mts |
| Gualanday         | 4.820516475439604,-75.68468336011594  | Zona Industrial viaducto               | arbol         | 0,81 - 8,10  | 0,00-2,00 mts   |
| Palma yuca        | 4.8206084596464215,-75.68472761660814 | Zona Industrial viaducto               | Arbusto       | 7,2          | 5,01-10,00 mts  |
| Guayacan rosado   | 4.82082962482167,-75.68486340343952   | Zona Industrial viaducto               | arbol         | 10           | 5,01-10,00 mts  |
| Saman             | 4.820887088406967,-75.68482792889395  | Zona Industrial viaducto               | arbol         | 0,94-9,4     | 0,00-2,00 mts   |
| Tulipan africano  | 4.820804234077955,-75.68473298102617  | Zona Industrial viaducto               | arbol         | 11           | 10,01-15,00 mts |
| Tulipan africano  | 4.82083497036237,-75.68471152335405   | Zona Industrial viaducto               | arbol         | 10,9         | 10,01-15,00 mts |
| Guayacan rosado   | 4.8209415407748,-75.68462115964754    | Zona Industrial viaducto               | arbol         | 4,2          | 2,01-5,00 mts   |
| Gualanday         | 4.82097862906531,-75.68479869514704   | Zona Industrial viaducto               | arbol         | 10           | 5,01-10,00 mts  |
| Guayacan rosado   | 4.820996674463344,-75.6847806585188   | Zona Industrial viaducto               | arbol         | 11           | 10,01-15,00 mts |
| Guayacan rosado   | 4.8210066926232984,-75.68466424942017 | Zona Industrial viaducto               | arbol         | 9,5          | 5,01-10,00 mts  |
| Gualanday         | 4.82104878955759,-75.68462360279417   | Zona Industrial viaducto               | arbol         | 10,2         | 10,01-15,00 mts |
| Gualanday         | 4.820947234607282,-75.68462669849397  | Zona Industrial viaducto               | arbol         | 4,4          | 2,01-5,00 mts   |
| Guayacan rosado   | 4.82085033860414,-75.6845032916509    | Zona Industrial viaducto               | arbol         | 0,53 - 5,30  | 0,00-2,00 mts   |
| Gualanday         | 4.820816261319742,-75.68451863438177  | Zona Industrial viaducto               | arbol         | 11           | 10,01-15,00 mts |
| Guayacan rosado   | 4.820742093324282,-75.68453373529262  | Zona Industrial viaducto               | arbol         | 9,5          | 5,01-10,00 mts  |
| Gualanday         | 4.82078822801016,-75.68453809788229   | Zona Industrial viaducto               | arbol         | 12,5         | 10,01-15,00 mts |
| Guayacan rosado   | 4.820701669422424,-75.68459978869361  | Zona Industrial viaducto               | arbol         | 10,6         | 10,01-15,00 mts |
| Guayacan amarillo | 4.8211002378041234,-75.68507496267557 | Zona Industrial viaducto               | arbol         | 0,78 - 7,80  | 5,01-10,00 mts  |
| Urapan            | 4.821622754225205,-75.68463172763586  | Zona Industrial viaducto               | arbol         | 1,14 - 11,40 | 0,00-2,00 mts   |
| Saman             | 4.821667188147844,-75.68462334573269  | Zona Industrial viaducto               | arbol         | 1,08 - 10,80 | 0,00-2,00 mts   |
| Cipres            | 4.820827630381407,-75.68448420614004  | Zona Industrial viaducto               | arbol         | 13           | 10,01-15,00 mts |
| Guayacan rosado   | 4.821021395890965,-75.68447716534139  | Zona Industrial viaducto               | arbol         | 10           | 5,01-10,00 mts  |
| Guayacan amarillo | 4.821116942299504,-75.68452376872301  | Zona Industrial viaducto               | arbol         | 9,1          | 5,01-10,00 mts  |
| Guayacan rosado   | 4.8211323104349,-75.684632488990231   | Zona Industrial viaducto               | arbol         | 12           | 10,01-15,00 mts |
| Saman             | 4.8211222877379525,-75.68453443927526 | Zona Industrial viaducto               | arbol         | 9,8          | 5,01-10,00 mts  |
| Tulipan africano  | 4.821186767085772,-75.68453883866358  | Zona Industrial viaducto               | arbol         | 5            | 2,01-5,00 mts   |



| NOME_COM          | COORDENADA                            | BARRIO                                       | MAB_CRECIM | H_mts_1     | Rango_ajfts     |
|-------------------|---------------------------------------|--|------------|-------------|-----------------|
| Guayacan rosado   | 4.821397911850315,-75.68444229662418  | Zona Industrial viaducto                     | arbol      | 7,3         | 5,01-10,00 mts  |
| Tulipan africano  | 4.821183760276942,-75.68448755890131  | Zona Industrial viaducto                     | arbol      | 0,41 - 4,10 | 0,00-2,00 mts   |
| Mango             | 4.821183426187077,-75.68440541625024  | Zona Industrial viaducto                     | arbol      | 0,61 - 6,10 | 0,00-2,00 mts   |
| Aguaate           | 4.821351473371334,-75.68431455541966  | Zona Industrial viaducto                     | arbol      | 6           | 5,01-10,00 mts  |
| Saman             | 4.821713626605236,-75.6842193379983   | Zona Industrial viaducto                     | arbol      | 0,71-7,1    | 0,00-2,00 mts   |
| Guayacan rosado   | 4.8211683893625231,-75.68422805197912 | Zona Industrial viaducto                     | arbol      | 0,71-7,1    | 0,00-2,00 mts   |
| Tulipan africano  | 4.821196121602047,-75.68417139351368  | Zona Industrial viaducto                     | arbol      | 10,2        | 10,01-15,00 mts |
| Urupan            | 4.821343896451013,-75.68415865302086  | Zona Industrial viaducto                     | arbol      | 14          | 10,01-15,00 mts |
| Urupan            | 4.821306037158616,-75.68412780751719  | Zona Industrial viaducto                     | arbol      | 12,5        | 10,01-15,00 mts |
| Urupan            | 4.821348463024494,-75.68411774933338  | Zona Industrial viaducto                     | arbol      | 11,6        | 10,01-15,00 mts |
| Palma yuca        | 4.821060815193389,-75.684354352951    | Zona Industrial viaducto                     | Arbusto    | 4,2         | 2,01-5,00 mts   |
| Palma quency      | 4.8210559038444,-75.686999981593      | Zona Industrial viaducto                     | Palma      | 4,1         | 2,01-5,00 mts   |
| Palma quency      | 4.821091551466258,-75.6879954516888   | Zona Industrial viaducto                     | Palma      | 3,8         | 2,01-5,00 mts   |
| Benjamin          | 4.8206385253891196,-75.6863721460104  | Zona Industrial viaducto                     | arbol      | 10,3        | 10,01-15,00 mts |
| Tulipan Africano  | 4.8209-75.6843                        | Zona Industrial viaducto                     | arbol      | 1,3         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8209-75.6847                        | Zona Industrial viaducto                     | arbol      | 2,2         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8215-75.6843                        | Zona Industrial viaducto                     | arbol      | 2,1         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8214-75.6843                        | Zona Industrial viaducto                     | arbol      | 2,2         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8214-75.6843                        | Zona Industrial viaducto                     | arbol      | 2,6         | 0,00-5,00 mts   |
| guayabo dulce     | 4.8213-75.7124                        | Zona Industrial viaducto                     | arbol      | 4,4         | 0,00-5,00 mts   |
| Tulipan Africano  | 4.8209-75.6847                        | Zona Industrial viaducto                     | arbol      | 1,3         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8214-75.6845                        | Zona Industrial viaducto                     | arbol      | 2,6         | 0,00-5,00 mts   |
| Palma yuca        | 4.82102979-75.68839755                | Zona Industrial viaducto                     | arbol      | 5           | 0,00-5,00 mts   |
| Palma yuca        | 4.82101326-75.68838248                | Zona Industrial viaducto                     | arbol      | 3           | 0,00-5,00 mts   |
| Palma yuca        | 4.82102383-75.68840346                | Zona Industrial viaducto                     | arbol      | 3           | 0,00-5,00 mts   |
| Palma yuca        | 4.82102326-75.68838684                | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Palma yuca        | 4.82103983-75.68833012                | Zona Industrial viaducto                     | arbol      | 3           | 0,00-5,00 mts   |
| Palma yuca        | 4.82104878-75.68833454                | Zona Industrial viaducto                     | arbol      | 3           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82285321-75.68962476                | Zona Industrial viaducto                     | arbol      | 6           | 5,00-15,00 mts  |
| Tulipan africano  | 4.8227902-75.6896341                  | Zona Industrial viaducto                     | arbol      | 5           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82275812-75.68982833                | Zona Industrial viaducto                     | arbol      | 6           | 5,00-15,00 mts  |
| Tulipan africano  | 4.82268517-75.68963081                | Zona Industrial viaducto                     | arbol      | 6           | 5,00-15,00 mts  |
| Tulipan africano  | 4.82264882-75.68964451                | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82259801-75.68965032                | Zona Industrial viaducto                     | arbol      | 3           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82252719-75.68966761                | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82247901-75.68965802                | Zona Industrial viaducto                     | arbol      | 3           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82242734-75.68965472                | Zona Industrial viaducto                     | arbol      | 6           | 5,00-15,00 mts  |
| Tulipan africano  | 4.82237855-75.68964784                | Zona Industrial viaducto                     | arbol      | 6           | 5,00-15,00 mts  |
| Tulipan africano  | 4.82231662-75.68964586                | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82226483-75.68964498                | Zona Industrial viaducto                     | arbol      | 6           | 5,00-15,00 mts  |
| Tulipan africano  | 4.8222629-75.6896614                  | Zona Industrial viaducto                     | arbol      | 6           | 5,00-15,00 mts  |
| Tulipan africano  | 4.82215065-75.68964324                | Zona Industrial viaducto                     | arbol      | 5           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82210293-75.68965235                | Zona Industrial viaducto                     | arbol      | 3           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82204161-75.68964682                | Zona Industrial viaducto                     | arbol      | 8           | 5,00-15,00 mts  |
| Tulipan africano  | 4.82197783-75.68962589                | Zona Industrial viaducto                     | arbol      | 5           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82191637-75.68965787                | Zona Industrial viaducto                     | arbol      | 5           | 0,00-5,00 mts   |
| Tulipan africano  | 4.8218559-75.68967612                 | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82181412-75.68978447                | Zona Industrial viaducto                     | arbol      | 5           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82176923-75.68984832                | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82175073-75.68990721                | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82173526-75.6899494                 | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82173338-75.68990272                | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82173008-75.68994439                | Zona Industrial viaducto                     | arbol      | 5           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82173311-75.68914086                | Zona Industrial viaducto                     | arbol      | 3           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82173024-75.68919406                | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Tulipan africano  | 4.82172231-75.6898622035              | Zona Industrial viaducto                     | arbol      | 5           | 0,00-5,00 mts   |
| Balso tambor      | 4.8186-75.6846                        | Zona Industrial viaducto                     | arbol      | 8,2         | 5,01-15,00 mts  |
| Guamo             | 4.8186158-75.6846256                  | Zona Industrial viaducto                     | arbol      | 6,3         | 5,01-15,00 mts  |
| Mango             | 4.8209-75.6846                        | Zona Industrial viaducto                     | arbol      | 1,8         | 0,00-5,00 mts   |
| Tulipan Africano  | 4.8218-75.6844                        | Zona Industrial viaducto                     | arbol      | 3,1         | 0,00-5,00 mts   |
| Tulipan Africano  | 4.8220-75.6845                        | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Tulipan Africano  | 4.8219-75.6844                        | Zona Industrial viaducto                     | arbol      | 5,7         | 5,01-15,00 mts  |
| Tulipan Africano  | 4.8220-75.6844                        | Zona Industrial viaducto                     | arbol      | 4,3         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8220-75.6845                        | Zona Industrial viaducto                     | arbol      | 1,9         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8220-75.6845                        | Zona Industrial viaducto                     | arbol      | 1,4         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8219-75.6844                        | Zona Industrial viaducto                     | arbol      | 1,5         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8219-75.6844                        | Zona Industrial viaducto                     | arbol      | 1,7         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8220-75.6844                        | Zona Industrial viaducto                     | arbol      | 1,3         | 0,00-5,00 mts   |
| Pomarroso         | 4.818615-75.684625                    | Zona Industrial viaducto                     | arbol      | 1,6         | 0,00-5,00 mts   |
| Mango             | 4.8209-75.6846                        | Zona Industrial viaducto                     | arbol      | 1,8         | 0,00-5,00 mts   |
| Tulipan Africano  | 4.8218-75.6844                        | Zona Industrial viaducto                     | arbol      | 3,1         | 0,00-5,00 mts   |
| Tulipan Africano  | 4.8220-75.6845                        | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Tulipan Africano  | 4.8219-75.6844                        | Zona Industrial viaducto                     | arbol      | 5,7         | 5,01-15,00 mts  |
| Tulipan Africano  | 4.8220-75.6844                        | Zona Industrial viaducto                     | arbol      | 4,3         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8220-75.6845                        | Zona Industrial viaducto                     | arbol      | 1,9         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8220-75.6845                        | Zona Industrial viaducto                     | arbol      | 1,4         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8219-75.6844                        | Zona Industrial viaducto                     | arbol      | 1,5         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8219-75.6844                        | Zona Industrial viaducto                     | arbol      | 1,7         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8220-75.6844                        | Zona Industrial viaducto                     | arbol      | 1,3         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8224-75.6844                        | Zona Industrial viaducto                     | arbol      | 1,7         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8224-75.6844                        | Zona Industrial viaducto                     | arbol      | 1,3         | 0,00-5,00 mts   |
| Pomarroso         | 4.818625-75.684625                    | Zona Industrial viaducto                     | arbol      | 1,6         | 0,00-5,00 mts   |
| Mango             | 4.8209-75.6846                        | Zona Industrial viaducto                     | arbol      | 1,8         | 0,00-5,00 mts   |
| Tulipan Africano  | 4.8218-75.6844                        | Zona Industrial viaducto                     | arbol      | 3,1         | 0,00-5,00 mts   |
| Tulipan Africano  | 4.8220-75.6845                        | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Tulipan Africano  | 4.8219-75.6844                        | Zona Industrial viaducto                     | arbol      | 5,7         | 5,01-15,00 mts  |
| Tulipan Africano  | 4.8220-75.6844                        | Zona Industrial viaducto                     | arbol      | 4,3         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8220-75.6845                        | Zona Industrial viaducto                     | arbol      | 1,9         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8220-75.6845                        | Zona Industrial viaducto                     | arbol      | 1,4         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8219-75.6844                        | Zona Industrial viaducto                     | arbol      | 1,5         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8219-75.6844                        | Zona Industrial viaducto                     | arbol      | 1,7         | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8220-75.6844                        | Zona Industrial viaducto                     | arbol      | 1,3         | 0,00-5,00 mts   |
| Pomarroso         | 4.8186158-75.6846256                  | Zona Industrial viaducto                     | arbol      | 1,6         | 0,00-5,00 mts   |
| Saman             | 4.8200-75.6859                        | Zona Industrial viaducto                     | arbol      | 3,8         | 0,00-5,00 mts   |
| Hojeron           | 4.8193-75.6833                        | Zona Industrial viaducto                     | arbol      | 4           | 0,00-5,00 mts   |
| Carbonero rojo    | 4.8193-75.6850                        | Zona Industrial viaducto                     | arbol      | 1,5         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8216-75.6847                        | Zona Industrial viaducto                     | arbol      | 1,5         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.8215-75.6849                        | Zona Industrial viaducto                     | arbol      | 1,2         | 0,00-5,00 mts   |
| Mango             | 4.8209-75.6847                        | Zona Industrial viaducto                     | arbol      | 5,1         | 5,01-15,00 mts  |
| Mango             | 4.8209-75.6846                        | Zona Industrial viaducto                     | arbol      | 6,2         | 5,01-15,00 mts  |
| Tulipan Africano  | 4.8209-75.6848                        | Zona Industrial viaducto                     | arbol      | 9,8         | 5,01-15,00 mts  |
| Limon             | 4.8209-75.6846                        | Zona Industrial viaducto                     | arbol      | 2,2         | 0,00-5,00 mts   |
| Tulipan africano  | 4.8215N-75.6840W                      | Zona Industrial viaducto                     | arbol      | 5,6         | 5,01-15,00 mts  |
| Pomo              | 4.821244N-75.684414W                  | Zona Industrial viaducto                     | arbol      | 4,2         | 0,00-5,00 mts   |
| Guayacan amarillo | 4.821214N-75.684435W                  | Zona Industrial viaducto                     | arbol      | 1,6         | 0,00-5,00 mts   |
| Palma cubana      | 4.819138793100641,-75.684887413227558 | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 14          | 10,01-15,00 mts |
| Palma cubana      | 4.819451502898961,-75.68483658134937  | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 11,2        | 10,01-15,00 mts |
| Palma cubana      | 4.819509633872103,-75.68483557552099  | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 10,2        | 10,01-15,00 mts |
| Palma cubana      | 4.81956743155969,-75.68481210619211   | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 8,7         | 5,01-10,00 mts  |
| Palma cubana      | 4.819594452930356,-75.68479903042318  | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 13          | 10,01-15,00 mts |
| Palma cubana      | 4.81959640577102,-75.68480640649794   | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 10          | 5,01-10,00 mts  |
| Palma cubana      | 4.819701401903356,-75.68479970097542  | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 3,2         | 2,01-5,00 mts   |
| Palma cubana      | 4.81965362894922,-75.68481143963886   | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 9           | 5,01-10,00 mts  |
| Palma cubana      | 4.81949895264025,-75.68475276231786   | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 11          | 10,01-15,00 mts |
| Palma cubana      | 4.8200986355102176,-75.68469073623419 | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 12          | 10,01-15,00 mts |

| NOM_COM       | COORDENADA                            | BARRIO                                       | HAB_CRECIA | H_mts_1     | Rango_afu       |
|---------------|---------------------------------------|--|------------|-------------|-----------------|
| Palma cubana  | 4.820317130599529,-75.6846847012639   | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 10,8        | 10,01-15,00 mts |
| Palma cubana  | 4.82133677342049,-75.68481512367725   | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 5,8         | 5,01-10,00 mts  |
| Palma quency  | 4.821168392142717,-75.68436653421951  | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 1,01 - 11,0 | 0,00-2,00 mts   |
| Palma quency  | 4.8214540398926581,-75.68423241376877 | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 10,2        | 10,01-15,00 mts |
| Palma manila  | 4.82138496043415,-75.68415486498346   | Zona Industrial viaducto - AV. SIMON BOLIVAR | Palma      | 0,93-9,3    | 0,00-2,00 mts   |
| Saman         | 4.821842919272042,-75.68565264344215  | Zona Industrial - Av. Ferrocarril            | arbol      | 3,8         | 2,01-5,00 mts   |
| Mango         | 4.828935277616228,-75.68462703377008  | Zona Industrial TGC                          | arbol      | 8           | 5,01-10,00 mts  |
| Palma zancora | 4.82397957-75.68724285                | Zona residencial La Macarena                 | Palma      | 10          | 5,01-15,00 mts  |
| Palma zancora | 4.82239407-75.68735054                | Zona residencial La Macarena                 | Palma      | 5,5         | 0,00-5,00 mts   |
| Palma manila  | 4.8239120-75.68735131                 | Zona residencial La Macarena                 | Palma      | 3           | 0,00-5,00 mts   |
| Casco Vaca    | 4.8268-75.6880                        | Zona residencial La Macarena                 | arbol      | 4           | 0,00-5,00 mts   |
| Casco Vaca    | 4.8268-75.6881                        | Zona residencial La Macarena                 | arbol      | 5           | 0,00-5,00 mts   |
| Casco Vaca    | 4.8269-75.6881                        | Zona residencial La Macarena                 | arbol      | 4,4         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8269-75.6882                        | Zona residencial La Macarena                 | arbol      | 5,2         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8270-75.6882                        | Zona residencial La Macarena                 | arbol      | 6,3         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8270-75.6882                        | Zona residencial La Macarena                 | arbol      | 2,5         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8270-75.6882                        | Zona residencial La Macarena                 | arbol      | 7,1         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8270-75.6882                        | Zona residencial La Macarena                 | arbol      | 4,2         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8271-75.6883                        | Zona residencial La Macarena                 | arbol      | 3,6         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8271-75.6883                        | Zona residencial La Macarena                 | arbol      | 4,4         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8271-75.6883                        | Zona residencial La Macarena                 | arbol      | 3,60        | 0,00-5,00 mts   |
| Casco Vaca    | 4.8272-75.6884                        | Zona residencial La Macarena                 | arbol      | 7,2         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8272-75.6884                        | Zona residencial La Macarena                 | arbol      | 4,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8272-75.6884                        | Zona residencial La Macarena                 | arbol      | 5,6         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8273-75.6885                        | Zona residencial La Macarena                 | arbol      | 2,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8273-75.6885                        | Zona residencial La Macarena                 | arbol      | 4,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8273-75.6886                        | Zona residencial La Macarena                 | arbol      | 3,6         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8274-75.6886                        | Zona residencial La Macarena                 | arbol      | 2,1         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8274-75.6886                        | Zona residencial La Macarena                 | arbol      | 3,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8274-75.6887                        | Zona residencial La Macarena                 | arbol      | 2,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8275-75.6887                        | Zona residencial La Macarena                 | arbol      | 4           | 0,00-5,00 mts   |
| Casco Vaca    | 4.8275-75.6887                        | Zona residencial La Macarena                 | arbol      | 5           | 0,00-5,00 mts   |
| Casco Vaca    | 4.8276-75.6888                        | Zona residencial La Macarena                 | arbol      | 2,6         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8276-75.6888                        | Zona residencial La Macarena                 | arbol      | 3,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8276-75.6888                        | Zona residencial La Macarena                 | arbol      | 2,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8277-75.6889                        | Zona residencial La Macarena                 | arbol      | 4,1         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8277-75.6889                        | Zona residencial La Macarena                 | arbol      | 3           | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6892                        | Zona residencial La Macarena                 | arbol      | 4,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6892                        | Zona residencial La Macarena                 | arbol      | 2,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6893                        | Zona residencial La Macarena                 | arbol      | 3,3         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6893                        | Zona residencial La Macarena                 | arbol      | 4,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8280-75.6893                        | Zona residencial La Macarena                 | arbol      | 3,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8280-75.6894                        | Zona residencial La Macarena                 | arbol      | 2,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8280-75.6894                        | Zona residencial La Macarena                 | arbol      | 4,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8280-75.6894                        | Zona residencial La Macarena                 | arbol      | 3,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8280-75.6895                        | Zona residencial La Macarena                 | arbol      | 3,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8280-75.6896                        | Zona residencial La Macarena                 | arbol      | 3,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6889                        | Zona residencial La Macarena                 | arbol      | 3,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6889                        | Zona residencial La Macarena                 | arbol      | 3,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6889                        | Zona residencial La Macarena                 | arbol      | 3,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6889                        | Zona residencial La Macarena                 | arbol      | 3,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6889                        | Zona residencial La Macarena                 | arbol      | 2,5         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6889                        | Zona residencial La Macarena                 | arbol      | 1,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6890                        | Zona residencial La Macarena                 | arbol      | 2,6         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6890                        | Zona residencial La Macarena                 | arbol      | 3,3         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6900                        | Zona residencial La Macarena                 | arbol      | 4,6         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6901                        | Zona residencial La Macarena                 | arbol      | 1,6         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6901                        | Zona residencial La Macarena                 | arbol      | 1,2         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6902                        | Zona residencial La Macarena                 | arbol      | 2,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6902                        | Zona residencial La Macarena                 | arbol      | 3,4         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6903                        | Zona residencial La Macarena                 | arbol      | 4,4         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6903                        | Zona residencial La Macarena                 | arbol      | 5,1         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6904                        | Zona residencial La Macarena                 | arbol      | 1           | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6905                        | Zona residencial La Macarena                 | arbol      | 2,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8278-75.6906                        | Zona residencial La Macarena                 | arbol      | 3,7         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8278-75.6906                        | Zona residencial La Macarena                 | arbol      | 4,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6907                        | Zona residencial La Macarena                 | arbol      | 5           | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6907                        | Zona residencial La Macarena                 | arbol      | 2,6         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6907                        | Zona residencial La Macarena                 | arbol      | 3,5         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6908                        | Zona residencial La Macarena                 | arbol      | 4,3         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6908                        | Zona residencial La Macarena                 | arbol      | 4,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8279-75.6908                        | Zona residencial La Macarena                 | arbol      | 1,7         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8289-75.6909                        | Zona residencial La Macarena                 | arbol      | 2,4         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8267-75.6922                        | Zona residencial La Macarena                 | arbol      | 3,3         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8267-75.6922                        | Zona residencial La Macarena                 | arbol      | 4,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8269-75.6922                        | Zona residencial La Macarena                 | arbol      | 1,2         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8266-75.6922                        | Zona residencial La Macarena                 | arbol      | 1,5         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8264-75.6922                        | Zona residencial La Macarena                 | arbol      | 2,7         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8266-75.6922                        | Zona residencial La Macarena                 | arbol      | 2,5         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8266-75.6922                        | Zona residencial La Macarena                 | arbol      | 3,2         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8265-75.6921                        | Zona residencial La Macarena                 | arbol      | 3,4         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8265-75.6921                        | Zona residencial La Macarena                 | arbol      | 4,2         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8265-75.6921                        | Zona residencial La Macarena                 | arbol      | 5,3         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8264-75.6920                        | Zona residencial La Macarena                 | arbol      | 4,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8264-75.6920                        | Zona residencial La Macarena                 | arbol      | 1,4         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8264-75.6920                        | Zona residencial La Macarena                 | arbol      | 2,4         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8264-75.6920                        | Zona residencial La Macarena                 | arbol      | 3,5         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8264-75.6920                        | Zona residencial La Macarena                 | arbol      | 3,6         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8263-75.6919                        | Zona residencial La Macarena                 | arbol      | 4,2         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8263-75.6919                        | Zona residencial La Macarena                 | arbol      | 4,6         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8263-75.6919                        | Zona residencial La Macarena                 | arbol      | 1,3         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8263-75.6919                        | Zona residencial La Macarena                 | arbol      | 3,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8262-75.6918                        | Zona residencial La Macarena                 | arbol      | 2,5         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8262-75.6918                        | Zona residencial La Macarena                 | arbol      | 3,1         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8262-75.6917                        | Zona residencial La Macarena                 | arbol      | 4,2         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8261-75.6916                        | Zona residencial La Macarena                 | arbol      | 3,6         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8261-75.6916                        | Zona residencial La Macarena                 | arbol      | 4,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8261-75.6916                        | Zona residencial La Macarena                 | arbol      | 2,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8261-75.6915                        | Zona residencial La Macarena                 | arbol      | 3,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8260-75.6915                        | Zona residencial La Macarena                 | arbol      | 4,9         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8260-75.6915                        | Zona residencial La Macarena                 | arbol      | 2,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8260-75.6915                        | Zona residencial La Macarena                 | arbol      | 3,7         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8260-75.6914                        | Zona residencial La Macarena                 | arbol      | 1,4         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8260-75.6914                        | Zona residencial La Macarena                 | arbol      | 2,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8260-75.6914                        | Zona residencial La Macarena                 | arbol      | 3,8         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8260-75.6914                        | Zona residencial La Macarena                 | arbol      | 1,6         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8260-75.6914                        | Zona residencial La Macarena                 | arbol      | 1,1         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8259-75.6914                        | Zona residencial La Macarena                 | arbol      | 2,1         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8259-75.6914                        | Zona residencial La Macarena                 | arbol      | 3,1         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8259-75.6913                        | Zona residencial La Macarena                 | arbol      | 4,1         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8259-75.6913                        | Zona residencial La Macarena                 | arbol      | 5,1         | 0,00-5,00 mts   |
| Casco Vaca    | 4.8259-75.6913                        | Zona residencial La Macarena                 | arbol      | 4,8         | 0,00-5,00 mts   |



| NOM_DOM         | COORDENADA              | BARRIO                       | HAB_CRECIA | H_mtbs_1 | Rango_mtbs     |
|-----------------|-------------------------|------------------------------|------------|----------|----------------|
| Palma quency    | 4.82359422- 75.68795593 | Zona residencial La Macarena | Palma      | 3        | 0,00-5,00 mts  |
| Palma quency    | 4.82358264- 75.68798099 | Zona residencial La Macarena | Palma      | 3        | 0,00-5,00 mts  |
| Palma quency    | 4.82353673- 75.68798345 | Zona residencial La Macarena | Palma      | 3        | 0,00-5,00 mts  |
| Palma quency    | 4.82350543- 75.68801329 | Zona residencial La Macarena | Palma      | 3        | 0,00-5,00 mts  |
| Palma quency    | 4.8234643- 75.68804213  | Zona residencial La Macarena | Palma      | 3        | 0,00-5,00 mts  |
| Palma quency    | 4.82342032- 75.68808573 | Zona residencial La Macarena | Palma      | 4        | 0,00-5,00 mts  |
| Palma quency    | 4.8234034- 75.68809519  | Zona residencial La Macarena | Palma      | 3        | 0,00-5,00 mts  |
| Palma quency    | 4.82337061- 75.68817464 | Zona residencial La Macarena | Palma      | 4        | 0,00-5,00 mts  |
| Palma quency    | 4.82335014- 75.68822556 | Zona residencial La Macarena | Palma      | 3        | 0,00-5,00 mts  |
| Palma quency    | 4.82332162- 75.6882743  | Zona residencial La Macarena | Palma      | 4        | 0,00-5,00 mts  |
| Palma quency    | 4.82329693- 75.68830485 | Zona residencial La Macarena | Palma      | 4        | 0,00-5,00 mts  |
| Palma quency    | 4.82325533- 75.68835869 | Zona residencial La Macarena | Palma      | 3        | 0,00-5,00 mts  |
| Palma quency    | 4.82316432- 75.68844379 | Zona residencial La Macarena | Palma      | 4        | 0,00-5,00 mts  |
| Palma quency    | 4.82314963- 75.68848397 | Zona residencial La Macarena | Palma      | 4        | 0,00-5,00 mts  |
| Tulpan africano | 4.82418632- 75.68847838 | Zona residencial La Macarena | arbol      | 5        | 0,00-5,00      |
| Tulpan africano | 4.82421051- 75.68855083 | Zona residencial La Macarena | arbol      | 7        | 5,00- 15,00    |
| Palma quency    | 4.8232N - 75.6885W      | Zona residencial La Macarena | Palma      | 2,4      | 0,00-5,00 mts  |
| Palma quency    | 4.8231N - 75.6886W      | Zona residencial La Macarena | Palma      | 2,5      | 0,00-5,00 mts  |
| Palma quency    | 4.8231N - 75.6886W      | Zona residencial La Macarena | Palma      | 1,2      | 0,00-5,00 mts  |
| Palma Areca     | 4.8242N - 75.6885W      | Zona residencial La Macarena | Palma      | 2,5      | 0,00-5,00 mts  |
| Palma Areca     | 4.8269N - 75.6885W      | Zona residencial La Macarena | Palma      | 3,3      | 0,00-5,00 mts  |
| Tulpan africano | 4.8240N - 75.6886W      | Zona residencial La Macarena | arbol      | 6,8      | 5,01-10,00mts  |
| Tulpan africano | 4.8241N - 75.6886W      | Zona residencial La Macarena | arbol      | 3,4      | 0,00-5,00 mts  |
| Tulpan africano | 4.8241N - 75.6886W      | Zona residencial La Macarena | arbol      | 4,3      | 0,00-5,00 mts  |
| Tulpan africano | 4.8241N - 75.6887W      | Zona residencial La Macarena | arbol      | 7,1      | 5,01-10,00mts  |
| Tulpan africano | 4.8241N - 75.6887W      | Zona residencial La Macarena | arbol      | 5,9      | 5,01-10,00mts  |
| Tulpan africano | 4.8241N - 75.6886W      | Zona residencial La Macarena | arbol      | 4,7      | 0,00-5,00 mts  |
| Quelebrabarrigo | 4.8242N - 75.6885W      | Zona residencial La Macarena | arbol      | 12       | 5,01-10,00mts  |
| Casco Vaca      | 4.8267N - 75.6922W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8267N - 75.6922W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8267N - 75.6922W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8267N - 75.6922W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8267N - 75.6922W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8267N - 75.6922W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8267N - 75.6922W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8267N - 75.6922W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8267N - 75.6922W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8267N - 75.6922W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8267N - 75.6922W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8273N - 75.6920W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8273N - 75.6920W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8273N - 75.6920W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8273N - 75.6920W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8273N - 75.6920W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8274N - 75.6917W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8274N - 75.6917W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8274N - 75.6917W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8274N - 75.6917W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8274N - 75.6917W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8274N - 75.6917W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8274N - 75.6917W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8274N - 75.6917W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Martin Galviz   | 4.8275N - 75.6917W      | Zona residencial La Macarena | arbol      | 4,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8277N - 75.6915W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8277N - 75.6915W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8277N - 75.6915W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8277N - 75.6915W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8277N - 75.6915W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8277N - 75.6915W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8277N - 75.6913W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8277N - 75.6913W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8277N - 75.6913W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8277N - 75.6913W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8277N - 75.6911W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8278N - 75.6911W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8278N - 75.6911W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8278N - 75.6911W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8278N - 75.6911W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8278N - 75.6911W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8278N - 75.6911W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8278N - 75.6911W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8278N - 75.6911W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8278N - 75.6911W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8278N - 75.6911W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8279N - 75.6899W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8279N - 75.6899W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8279N - 75.6899W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8279N - 75.6899W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8279N - 75.6899W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8279N - 75.6899W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8279N - 75.6899W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8279N - 75.6899W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8279N - 75.6899W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8279N - 75.6899W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8279N - 75.6899W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8278N - 75.6893W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8278N - 75.6893W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Casco Vaca      | 4.8278N - 75.6893W      | Zona residencial La Macarena | arbol      | 3,3      | 0,00-5,00 mts  |
| Balso tambor    | 4.8186- 75.6846         | Zona residencial La Macarena | arbol      | 8,2      | 5,01-15,00 mts |
| Palma Areca     | 4.8331N - 75.6893W      | Zona residencial La Macarena | Palma      | 1,8      | 0,00-5,00 mts  |

#### 7.7.4 Equipos Poda de Arboles

Para llevar a cabo la operación de Poda de Arboles se cuenta con el equipo y maquinaria que se relaciona a continuación.

| Tipo de vehículo-<br>Equipos - Elementos | Cantidad |
|--|----------|
| Motosierras                              | 3        |
| Podadora de alturas                      | 1        |
| Camión*                                  | 1        |

#### 7.7.5 Personal y dotación

| Cargo                     | Cantidad | Descripción de la dotación      |
|---------------------------|----------|---------------------------------|
| Jefe de Cuadrilla         | 1        | Gorra, Camisa, pantalón y botas |
| Operarios Poda de arboles | 7        | Gorra, overol y botas           |

#### 7.8. Actividades de Lavado de Vías y Áreas públicas

La actividad de lavado de áreas públicas dentro de la prestación del servicio de aseo comprende el lavado de puentes peatonales y de aquellas áreas cuya condición de limpieza se deteriora por un uso inadecuado, constituyéndose en puntos críticos sanitarios. Excluye, y no aplica a parques, monumentos, esculturas, pilas y demás mobiliario urbano y bienes de interés cultural, cuyo cuidado seguirá a cargo de cada entidad territorial.

La responsabilidad de la actividad de lavado de áreas públicas recae sobre la empresa prestadora del servicio público de aseo en el área de prestación donde realicen las actividades de recolección y transporte de residuos.

Las frecuencias y horarios para la prestación del componente de lavado deberán realizarse según lo detallado en el programa para la prestación del servicio público de aseo, será obligación de la entidad territorial suministrar a las personas prestadoras el inventario de los puentes y áreas públicas objeto de lavado, especificando como mínimo su ubicación y área de lavado.

Desde el punto de vista regulatorio, la actividad de lavado de áreas públicas no había sido considerada como componente de la tarifa de aseo; la resolución CRA 720 de 2015 en el Capítulo III artículo 18 lo define como actividad "ordinaria".

Como consecuencia de lo anterior, el lavado es una actividad nueva del servicio público de aseo que va a ser remunerada por medio del Costo de Limpieza Urbana por Suscriptor (CLUS), el cual incluye el Costo de Lavado de Áreas Públicas (CLAV), y como lo establece el Decreto 1077 de 2015 en la subsección 5, solo se podrá trasladar a la tarifa del suscriptor los puentes peatonales dos veces en el año y los puntos críticos sanitarios identificados por el prestador con evidencias fotográficas y de registro de lavados que permita reconocer este como punto crítico.

La Empresa SERVICIUDAD ESP prestadora del servicio garantizará su lavado **2 veces en el año**, utilizando para ello hidro lavadora y Carrotanque.

A continuación, relacionamos el inventario de puentes cuyo lavado está a cargo de SERVICIUDAD.

| SERVICIUDAD |  |              |               |                    |
|-------------|--|--------------|---------------|--------------------|
| PUENTE      | DESCRIPCIÓN  | COORDENADAS  |               | SUPERFICIE<br>(M2) |
|             |  | N – W        |               |                    |
| 1           | AVENIDA SIMÓN BOLÍVAR (LA ROMELIA)                       | 4°51'19.78"N | 75°39'21.23"W | 392,6              |
| 2           | AVENIDA SIMÓN BOLÍVAR (AL LADO DE BIOMAX)                | 4°51'15.39"N | 75°39'24.54"W | 649,74             |
| 4           | CARRERA 10 (AV. FERROCARRIL) CENTRO DE VIDA              | 4°51'2.31"N  | 75°39'49.89"W | 389,5              |
| 5           | CARRERA 9 OESTE (BARRIO LAS VEGAS)                       | 4°49'29.68"N | 75°42'36.05"W | 77,4               |
| 6           | CALLE 9 (LA BADEA)                                       | 4°49'21.95"N | 75°41'30.16"W | 88,35              |
| 7           | ANTES DEL VIADUCTO (IZQUIERDA)                           | 4°49'10.99"N | 75°41'6.13"W  | 205,8              |
| 8           | CARRERA 16ª (ENSEGUIDA A NICOLE)                         | 4°49'14.39"N | 75°41'7.04"W  | 150,5              |
| 9           | CARRERA 10 (ANTES DEL VIADUCTO A LA DERECHA)             | 4°49'11.75"N | 75°41'8.29"W  | 510,4              |
| 10          | CALLE 56 (NARANJOS – BUENOS AIRES)                       | 4°50'27.14"N | 75°39'55.36"W | 50,54              |
| 11          | DIAGONAL 17 (VALHER)                                     | 4°49'25.50"N | 75°40'53.23"W | 22                 |
| 12          | CL. 17 #4-2 A 4-504 (LA MACARENA – VILLAS DEL CAMPESTRE) | 4°49'49.31"N | 75°41'19.62"W | 42                 |
| 13          | CL. 17A #2B-2 A 2B-22 (LA MACARENA – EL LIMONAR)         | 4°49'54.36"N | 75°41'25.19"W | 14,85              |
| 14          | CRA. 10 #50-131 A 50-139 (LOS NARANJOS)                  | 4°50'35.83"N | 75°40'7.05"W  | 43,8               |
| 15          | CL. 61 #14-1 A 14-47                                     | 4°50'39.26"N | 75°39'54.81"W | 61,6               |
| 16          | CL. 22 #16-1 A 16-157 (ATRÁS DEL ÚNICO)                  | 4°49'41.79"N | 75°40'46.43"W | 11,88              |
| 17          | BARRIO SAN JUDAS   | 4°48'58.2"N  | 75°40'56.8"W  | 53,4               |
| 18          | CARRERA 16 CON CALLE 14 AV. SIMON BOLIVAR                | 4°49'22.12"N | 75°41'1.19"W  | 160                |
| 19          | CANCHA BARRIO LIBERTADORES                               | 4°50'58.38"N | 75°39'13.21"W | 20,7               |
| 20          | BARRIO MILAN   | 4°49'42.43"N | 75°40'23.05"W | 27,76              |
| 21          | BARRIO LIMONAR CANCHA                                    | 4°49'52.98"N | 75°41'26.17"W | 11                 |
| 22          | BARRIO NARANJOS - BUENOS AIRES                           | 4°50'20.69"N | 75°40'9.46"W  | 42,45              |
|             |  |              |               | <b>3.026,27</b>    |

## 7.9. Actividad de Comercialización

Para SERVICIUDAD E.S.P. mejorar los canales de comunicación con los usuarios es crucial, la empresa permanentemente busca:

- **La Satisfacción del usuario:** Una comunicación clara y eficiente para ayudarle a resolver dudas y problemas rápidamente, lo que aumenta su satisfacción.
- **Fidelización:** Los usuarios que se sienten escuchados y valorados tienden a ser más leales y a seguir utilizando los servicios de la empresa.
- **Reputación:** Una buena comunicación puede mejorar la imagen de la empresa, haciendo que sea vista como confiable y profesional.
- **Retroalimentación:** Facilita la obtención de opiniones y sugerencias de los clientes, lo que permite a la empresa mejorar sus servicios.
- **Eficiencia Operativa:** Canales de comunicación efectivos reducen el tiempo y los recursos necesarios para atender a los usuarios, mejorando la eficiencia operativa.
- **Competitividad:** En un mercado competitivo, una buena comunicación puede ser un diferenciador clave que permita a la empresa atraer y retener los usuarios.

### 7.9.1. Puntos Atención Usuarios:

| Dirección Punto Atención  | Teléfono        | Días atención  | Horario Atención   |
|---|-----------------|----------------|--------------------|
| Sede Principal: SERVICIUDAD Diagonal 26 # 21AT-04, Avenida Las Torres, barrio Milán Edificio Moretti Dosquebradas piso 1. | 606-3515177     | Lunes a jueves | 07:00 am a 3:45 pm |
|   | Wsp 314 8289785 | Viernes        | 7:00 am a 02:45 pm |



**SERVICIUDAD ESP**  
Empresa Industrial y Comercial del Estado  
NIT. 816.001.609-1  
NUIR 1-661700002



Vigilado  
Superservicios

### 7.9.2. Canal Virtual – Línea de atención al Usuario

|  |  |
|--|--|
| Dirección Electrónica página Web                       | <a href="http://www.SERVICIUDAD.gov.co">www.SERVICIUDAD.gov.co</a>   |
| Correo electrónico y página web para radicación de PQR | <a href="mailto:serviciu@SERVICIUDAD.gov.co">serviciu@SERVICIUDAD.gov.co</a><br><a href="#">SAIA - SGDEA</a> |
| Línea de atención al usuario                           | 606- 3515177   |
|  |  |



## 8. PROGRAMA DE RELACIONES CON LA COMUNIDAD

Desde el año 2016 se viene realizando la campaña institucional **Mi Dosquebradas Limpia** la misma que es encaminada a capacitar a la comunidad en el adecuado manejo de los servicios públicos domiciliarios prestados por la empresa.

Se busca con ella promover una cultura y conciencia ambiental, pero además dar cumplimiento a los programas institucionales y a la normatividad existente (decreto 1077 de 2015 y la resolución CRA 720 de 2015).

En este programa se desarrollan las temáticas del uso eficiente y ahorro del agua, manejo responsable de vertimientos y disposición adecuada de residuos, la correcta separación en la fuente y la importancia del reducir, reutilizar, reciclar.

En el año 2022 el Concejo Municipal crea el acuerdo 012 de 2022, que de igual forma le apunta a la misma actividad.

Por medio de este contrato se han capacitado 32.000 personas aproximadamente en las vigencias comprendidas entre 2016 y 2024, aclarando que en 2020 por efectos de la pandemia no se realizó la labor y el contrato suscrito para 2021, sufrió prorrogas, debido a que en esta vigencia por protocolos de seguridad fue muy difícil llegar a los usuarios y el realizar la labor puerta a puerta fue más dispendioso, por lo que el contrato se prorrogó hasta el primer cuatrimestre de 2022.

A continuación, se entregan las cifras de las capacitaciones y acompañamientos a la comunidad que se han realizado desde la vigencia 2016 a la vigencia 2024, hemos llegado a comunidades de barrios, conjuntos cerrados, empresas, funcionarios de la Alcaldía Municipal, funcionarios de la Empresa, etc.

La programación de actividades en las diferentes comunidades del municipio, están registradas en la siguiente tabla:

| CONTRATO No. | VIGENCIA | CANT USUARIOS CAPACITADOS |
|--------------|----------|---------------------------|
| 097          | 2016     | 2000                      |
| 061          | 2017     | 5000                      |
| 075          | 2018     | 6180                      |
| 079          | 2019     | 5026                      |
|              | 2020     | Pandemia                  |
| 059          | 2021     | 5011                      |
| 045          | 2023     | 4220                      |
| 089          | 2024     | 4559                      |
| <b>TOTAL</b> |          | <b>31996</b>              |

Se ha realizado la labor con Instituciones educativas Algunas enlazadas con Secretaría de Educación, en otros casos hemos buscado el contacto por nuestra propia cuenta. Se adjunta resumen de instituciones educativas visitadas y número de usuarios capacitados, se aclara que hemos vinculado personal administrativo, alumnos y padres de familia.

|  |              |
|--|--------------|
| INSTITUCION EDUCATIVA BOSQUES DE LA ACUARELA                 | 295          |
| INSTITUCION EDUCATIVA EMPRESARIAL                            | 31           |
| INSTITUCION EDUCATIVA POLICARPA SALABARRIETA                 | 15           |
| INSTITUCION EDUCATIVA SANTA ISABEL                           | 694          |
| INSTITUCION EDUCATIVA GUADALUPE                              | 103          |
| INSTITUCION EDUCATIVA FABIO VAZQUES                          | 384          |
| INSTITUCION EDUCATIVA CARTAGENA                              | 73           |
| INSTITUCION EDUCATIVA SANTA JUANA DE LESTONAC                | 611          |
| INSTITUCION EDUCATIVA MARIA AUXILIADORA                      | 1328         |
| INSTITUCION EDUCATIVA NUEVA GRANADA                          | 33           |
| INSTITUCION EDUCATIVA BERNARDO PEREZ                         | 1449         |
| INSTITUCION EDUCATIVA ENRIQUE MILLAN RUBIO                   | 577          |
| COLEGIO SALESIANO  | 125          |
| INSTITUCION EDUCATIVA POPULAR DIOCESANO                      | 1190         |
| INSTITUCION EDUCATIVA LUIS CARLOS GONZALEZ SEDE LAS VEGAS    | 97           |
| ESCUELA DE PADRES - CLAUSURA INSTITUCION EDUCATIVA PABLO SEX | 1437         |
| ESCUELA DE PADRES - CLAUSURA INSTITUCION EDUCATIVA DIOSESANO | 97           |
| INSTITUCION EDUCATIVA AGUSTIN NIETO CABALLERO                | 914          |
| INSTITUCION EDUCATIVA CRISTO REY                             | 1387         |
| <b>TOTAL</b>   | <b>10840</b> |

## 9. ESQUEMA DE FACTURACION DE SERVICIOS

| Mecanismo de facturación   | Descripción  | Puntos de pago   |
|----------------------------|--|--|
| Prepago                    | NA   |  |
| Conjunta con otro servicio | 82.8% Se hace conjunta con el servicio de acueducto<br>14,0% se hace conjunto servicio alcantarillado, y 14,0% se hace conjunto servicio alcantarillado, y 1.72% se hace directo | 436 puntos en el departamento de Risaralda de APOSTAR Entidades financieras. |

## 10. RESIDUOS ESPECIALES

El servicio de recolección y transporte de este tipo de residuos será prestado por SERVICIUDAD E.S.P. bajo las condiciones definidas en la siguiente tabla

| Tipo de Residuos                            | Descripción   | Teléfono de Contacto                             |
|---|---|--|
| Generados en eventos y espectáculos masivos | El usuario deberá definir fechas, horarios y tipo de servicio que requiere, realizando la petición de manera telefónica, verbal, escrita o vía correo electrónico. Para este tipo de eventos es obligatorio un acuerdo previo con la empresa. | serviciu@SERVICIUDAD.gov.co<br>3322109 - 3116940 |

|   |  |  |
|---|--|--|
| Generados por puntos de venta en áreas públicas | El usuario deberá definir fechas, horarios y tipo de servicio que requiere, realizando la petición de manera telefónica, verbal, escrita o vía correo electrónico  | serviciu@SERVICIUDAD.gov.co<br>3322109 - 3116940 |
| Animales Muertos                                | Según lo define el Artículo 2.3.2.2.3.43. del Decreto 1077 de 2015, la empresa realizará la recolección de animales muertos de especies menores, que no excedan los 50 kg, abandonados en las vías y áreas públicas. | serviciu@SERVICIUDAD.gov.co<br>3322109 - 3116940 |

## 11. PROGRAMA DE GESTIÓN DEL RIESGO

A continuación, presentamos las Amenazas y sus impactos sociales, económicos y ambientales incluidos dentro del Plan de Contingencia y Emergencia de SERVICIUDAD.

Es de vital importancia la determinación de los impactos a los que se verían expuestos los Sistemas de Acueducto, Alcantarillado y Aseo del municipio de Dosquebradas. Por tal situación, en la siguiente tabla, se hace la consignación de los más relevantes impactos:

Tabla 5. Escenarios de Riesgos por Eventos

| Evento                  | Impacto en infraestructura   | Impacto en el Servicio  |
|-------------------------|--|---|
| <b>Sismos</b>           | <p><b>Sistema de Acueducto:</b><br/>Captación: Debilitamiento estructural y daño.<br/>Aducción: Colapso de la infraestructura.<br/>Rompimiento del canal.<br/>Desarenador: Colapso de la estructura.<br/>PTAP: Colapso de las unidades de tratamiento, cuartos técnicos, de almacenamiento y laboratorios.</p> <p><b>Almacenamiento:</b> Colapso de la losa de cubierta o de los muros de contención de tanques de almacenamiento. Colapso de estructura de tanque elevado La Giralda.<br/>Línea de Conducción: Desempalme de uniones, fractura de tuberías.<br/>Redes de Distribución: Ruptura de tuberías, desempalme de uniones.<br/>Redes de Energía: Cortocircuitos.<br/>Instalaciones Locativas: Daños estructurales.</p> <p><b>Sistema de Alcantarillado:</b><br/>Colectores: Daño o fisuras en la estructura civil.<br/>Redes de recolección y transporte: Rompimiento y averías.<br/>Cajas de Inspección: Fractura en estructura civil.<br/>Descoles: Afectación de estructura civil.</p> <p><b>Sistema de Aseo:</b><br/>Rutas de recolección: Daño estructural en las vías e inaccessibilidad de los vehículos<br/>Patio de parqueo: Colapso de la estructura y posible daño de los vehículos.</p> | <p><b>Sistema de Acueducto:</b><br/>Desabastecimiento, afectación en la calidad del agua potable.</p> <p><b>Sistema de alcantarillado:</b><br/>Daños estructurales en colectores de alcantarillado. Afectación del servicio por taponamiento y desconexión; afectaciones ambientales y de salud pública.</p> <p><b>Sistema de Aseo:</b><br/>Imposibilidad de la recolección de residuos sólidos. Afectaciones ambientales y de salud pública.</p> |
| <b>Remoción en masa</b> | <p><b>Sistema de Acueducto:</b><br/>Captación: Taponamiento de rejillas y estructuras civiles. Daños de infraestructura.<br/>Almacenamiento: Debilitamiento de cimientos y estructura de tanques a nivel o elevados, localizados en cotas altas.</p>   | <p><b>Sistema de Acueducto:</b><br/>Interrupción en la prestación del servicio de acueducto por daño en redes, afectación del agua potable.</p> <p><b>Sistema de Alcantarillado:</b></p>  |

| Evento                | Impacto en infraestructura   | Impacto en el Servicio  |
|-----------------------|--|---|
|                       | <p>Conducción: Desempalme de uniones, fractura de tuberías.<br/>Red de distribución: Ruptura de tuberías, desempalme de uniones.</p> <p><b>Sistema de Alcantarillado:</b><br/>Colectores: Daño en tramos de tubería colector.<br/>Redes de recolección y transporte: Taponamiento daño en líneas expuestas.<br/>Descoles: Desplazamiento de estructuras.</p> <p><b>Sistema de Aseo:</b><br/>Rutas de recolección: Obstrucción de vías por derrumbes generan impedimento para recolección y en el transporte de residuos al relleno sanitario.</p>  | <p>Obstrucción de estructuras de desagüe que generan rebosamiento y contención. afectaciones ambientales y de salud pública.</p> <p><b>Sistema de Aseo:</b><br/>Dificultad en la recolección de residuos sólidos y necesidad de contingencia para limpieza de vías. afectaciones ambientales y de salud pública.</p>  |
| Avenidas torrenciales | <p><b>Sistema de Acueducto:</b><br/>Captación: Debilitamiento estructural y taponamientos en la estructura (rejillas). Colapso de bocatomas.<br/>Aducción: Daño de la infraestructura por altas sedimentaciones.<br/>Desarenador: Colapso de las canaletas, abundancia de sólidos.<br/>PTAP: Para altas cargas de sedimentos, debe detenerse el funcionamiento del sistema.<br/>Conducciones: Debilitamiento estructural, ruptura de tubería.</p> <p><b>Sistema de Alcantarillado:</b><br/>Colectores: colapso de Aquellos tramos localizados en cruces de quebradas o en las riberas de las mismas.<br/>Descoles: taponamiento, socavamiento y desplazamiento de estructuras.</p> <p><b>Sistema de Aseo:</b><br/>Rutas de recolección y transporte de residuos a relleno sanitario: Puede presentarse obstaculización para el paso de los vehículos recolectores.</p> | <p><b>Sistema de Acueducto:</b><br/>Desabastecimiento de agua potable.<br/>Incumplimiento de parámetros de calidad del agua.</p> <p><b>Sistema de Alcantarillado:</b><br/>Discontinuidad del servicio. afectaciones ambientales y de salud pública.</p> <p><b>Sistema de Aseo:</b><br/>Restricción para el cumplimiento de las rutas de recolección. afectaciones ambientales y de salud pública.</p> |
| Inundaciones          | <p><b>PTAP:</b> Afectación en el proceso de tratamiento del agua por sobrecapacidad de carga.</p> <p><b>Sistema de Alcantarillado:</b><br/>Taponamiento y rebosamiento en Redes, recamaras de Inspección, colectores.</p>  | <p><b>PTAP:</b> Interrupción en la prestación del servicio de agua potable.</p> <p><b>Sistema de Alcantarillado:</b><br/>Interrupción en la prestación del servicio de alcantarillado.</p>  |

| Evento                         | Impacto en infraestructura   | Impacto en el Servicio  |
|--------------------------------|--|---|
|                                | <p><b>Sistema de Aseo:</b><br/>Rutas de recolección: Obstaculización para el cumplimiento de las frecuencias y las rutas de recolección.<br/>Relleno sanitario: Cierre del relleno por anegación de celdas. Los camiones se atascan en zonas pantanosas generando daños y retrasos.</p>  | <p>Rebosamientos de aguas residuales. afectaciones ambientales y de salud pública.</p> <p><b>Sistema de Aseo:</b><br/>Emergencia sanitaria por disponibilidad del relleno sanitario y tránsito de vehículos recolectores. afectaciones ambientales y de salud pública.</p>  |
| Sequias                        | <p><b>Sistema de acueducto:</b><br/>Insuficiencia de caudal para abastecer las plantas y el sistema.</p>   | <p><b>Sistema de acueducto:</b><br/>Desabastecimiento de agua potable.<br/>Disminución de continuidad. afectaciones ambientales y de salud pública.</p>   |
| Incendios                      | <p><b>Sistema de Acueducto:</b><br/>Planta de Potabilización: Daño de equipos.<br/>Conducción: Daño de la tubería.</p> <p><b>Sistema de Aseo:</b><br/>Patio vehicular: Daño de los vehículos y oficinas.<br/>Relleno sanitario: Cierre del relleno por incendio.</p>   | <p><b>Sistema de Acueducto:</b><br/>Desabastecimiento de agua potable.<br/>Incumplimiento de parámetros de calidad del agua.</p> <p><b>Sistema de Aseo:</b><br/>Afectación en la prestación del servicio por incumplimiento de ruta.<br/>Mayores tiempos para disposición de residuos en otro relleno. afectaciones ambientales y de salud pública.</p>   |
| Daños ocasionados por terceros | <p><b>Sistema de Acueducto:</b><br/>Planta de tratamiento: Daño de instalaciones, saqueos, robos.<br/>Redes de Energía: Cortocircuitos y robos de cableado.<br/>Redes en general: Daños en tuberías y accesorios.<br/>Conducciones: daño de la tubería, daño y/o debilitamiento de la estructura.</p> <p><b>Sistema de Alcantarillado:</b><br/>Redes de Recolección y Transporte: Daño en tuberías y obstrucciones de redes.</p> <p><b>Sistema de Aseo:</b><br/>Saboteo y/o colisión de vehículos, obstrucción de vías para recolección.</p> | <p><b>Sistema de Acueducto:</b><br/>Interrupción en el suministro.<br/>Desabastecimiento de Agua Potable.<br/>Incumplimiento de parámetros de calidad del agua. afectaciones ambientales y de salud pública.</p> <p><b>Sistema de Alcantarillado:</b><br/>Problemas en la recolección de aguas residuales.<br/>Rebosamientos de aguas residuales. afectaciones ambientales y de salud pública.</p> <p><b>Sistema de Aseo:</b></p> |

| Evento   | Impacto en infraestructura  | Impacto en el Servicio  |
|--|---|---|
|  |   | Acumulación de residuos sólidos ordinarios. afectaciones ambientales y de salud pública   |
| Calidad de agua  | <b>Sistema de Acueducto:</b><br>No afecta la infraestructura  | <b>Sistema de Acueducto:</b><br>Aumento de los costos de tratamiento, Interrupción en el suministro, Incumplimiento en parámetros de calidad.   |
| Meteorológicos   | <b>Sistema de Alcantarillado:</b><br>Redes: obstrucción de redes y colectores por residuos del vendaval, empalizadas, etc.<br><br><b>Sistema de Aseo:</b><br>Rutas de recolección: Obstaculización de vías  | <b>Sistema de Alcantarillado:</b><br>Reboses de aguas residuales en las calles. afectaciones ambientales y de salud pública.<br><br><b>Sistema de Aseo:</b><br>Aumento los residuos por recoger en espacio público, impiden cumplir con las frecuencias de recolección, barrido, corte de césped y podas. |
| Erupciones volcánicas  | <b>Sistema de Acueducto:</b><br>PTAP: Para altas cargas de sedimentos, debe detenerse el funcionamiento del sistema.<br><br><b>Sistema de Aseo:</b><br>Afecta la visibilidad para la conducción del parque automotor aumentando riesgos de accidentes.  | <b>Sistema de Acueducto:</b><br>Desabastecimiento de agua potable.<br>Incumplimiento de parámetros de calidad del agua.<br><br><b>Sistema de Aseo:</b><br>La ceniza volcánica impide cumplir con las frecuencias de barrido y limpieza. Aumento de frecuencia de lavado.                                  |
| Eventos culturales, religiosos, deportivos (fiestas típicas) y manifestaciones (asonada) | <b>Sistema de Acueducto:</b><br>PTAP: No afecta la infraestructura.   |   |
| Colapso en la infraestructura  | <b>Sistema de Acueducto:</b><br>Daño en redes, componentes de PTAP y sistemas de bombeo y almacenamiento.<br><br><b>Sistema de Alcantarillado:</b><br>Daño en todos los componentes del sistema de alcantarillado.<br><br><b>Sistema de Aseo:</b><br>Daño en parque automotor por colapso de infraestructura. | <b>Sistema de Acueducto:</b><br>Desabastecimiento, afectación en la calidad del agua potable.<br><br><b>Sistema de Alcantarillado:</b><br>Rebosamiento de aguas residuales. afectaciones ambientales y de salud pública.<br><br><b>Sistema de Aseo:</b>   |

| Evento            | Impacto en infraestructura  | Impacto en el Servicio   |
|-------------------|---|--|
| Fallas Operativas | <p><b>Sistema de acueducto</b><br/>Daño o mal diseño en los componentes del sistema, especialmente aquellos donde se requiere intervención de personal para su monitoreo, manipulación, ajuste y demás.</p> <p><b>Sistema de Alcantarillado:</b><br/>Daño o mal diseño en todos los componentes del sistema de alcantarillado.</p> <p><b>Sistema de Aseo:</b><br/>Daño en parque automotor por fallas operativas.</p> | <p>Imposibilidad del cumplimiento de las frecuencias de recolección de residuos sólidos. afectaciones ambientales y de salud pública</p> <p><b>Sistema de acueducto:</b><br/>interrupción del servicio. Afectación a los usuarios.</p> <p><b>Sistema de Alcantarillado:</b><br/>Rebosamiento de aguas residuales. Afectaciones ambientales y de salud pública.</p> <p><b>Sistema de Aseo:</b><br/>Imposibilidad del cumplimiento de las frecuencias de recolección de residuos sólidos. afectaciones ambientales y de salud pública.</p> |

Fuente: SERVICIUDAD E.S.P. E.I.C.E.

## EJECUCIÓN DE LA RESPUESTA PUESTA EN MARCHA DEL PLAN DE EMERGENCIA Y CONTINGENCIA:

El Plan de Emergencia y Contingencia a partir de la página 158 se detalla la puesta en marcha del plan de emergencia y contingencia para el cual se describirán los protocolos de actuación por eventos y servicios.

La activación del Plan de Emergencia y Contingencia de SERVICIUDAD E.S.P. E.I.C.E. Se realiza de manera inmediata una vez se identifica o reporta un evento que comprometa, afecte o ponga en riesgo la continuidad, calidad o cobertura de los servicios públicos domiciliarios de acueducto, alcantarillado o aseo. Esta activación está sujeta a la magnitud y tipo del evento, y se ejecuta conforme a los niveles de alerta previamente establecidos (amarillo, naranja y rojo), así como a la línea de mando institucional y los protocolos definidos en este Plan.

- *Remoción en masa para los servicios acueducto, alcantarillado y aseo.*
- *Avenidas torrenciales para los servicios Acueducto, Alcantarillado y Aseo.*
- *Incendios para los servicios de acueducto y aseo.*
- *Sismos para los servicios acueducto, alcantarillado y aseo.*
- *Meteorológicos para los servicios Alcantarillado y Aseo.*
- *Inundaciones para el servicio de acueducto, alcantarillado y aseo.*

- *Daños ocasionados por terceros para los servicios de acueducto, alcantarillado y aseo.*
- *Colapso en la infraestructura para los servicios de acueducto, alcantarillado y aseo.*
- *Fallas operativas para los servicios de acueducto, alcantarillado y aseo.*

## 12. SUBSIDIOS Y CONTRIBUCIONES

| Estrato o Tipo Usuario | Factor Subsidio según Concejo Municipal | Factor según Concejo Municipal | Contribución |
|------------------------|---|--------------------------------|--------------|
| Estrato 1              | 20%                                     |                                |              |
| Estrato 2              | 10%                                     |                                |              |
| Estrato 3              | 0%                                      |                                | 0%           |
| Estrato 5              |   |                                | 50%          |
| Estrato 5              |   |                                | 60%          |
| Industrial             |   |                                | 30%          |
| Comercial              |   |                                | 50%          |
| Oficial                |   |                                | 0%           |

### 12.1 Equilibrio en el balance de subsidios y contribuciones:

| Documento  | Fecha de suscripción | Acto administrativo |
|--|----------------------|---------------------|
| Acuerdo del concejo municipal que define los factores              | 20 / Agosto / 2012   | Acuerdo 011         |
| Convenios con el fondo de solidaridad y redistribución de ingresos | 17- marzo- 2014      | Convenio 575        |

### 13. CUMPLIMIENTO DE OBLIGACIONES DEL PRESTADOR CONTENIDAS EN EL PGIRS

| PROGRAMA                              | OBJETIVO  | PROYECTO                                  | ACTIVIDAD   | META                                       | CRONOGRAMA               |                           |                               |
|---------------------------------------|---|---|---|--|--------------------------|---------------------------|-------------------------------|
|                                       |   |   |   |  | Corto Plazo<br>( Un año) | Mediano Plazo<br>(6 años) | Largo plazo Mas de seis años) |
| Programa<br>1: MI DOSQUEBRADAS LIMPIA | Prestar el servicio de la recolección y transporte de residuos sólidos, garantizando continuidad del servicio, el aumento de cobertura.       | Proyecto 1: Un servicio de Aseo Eficiente | Adquisición de Maquinaria y equipo  | Adquirir Seis (6) recolectores             | 0                        | 2                         | 4                             |
|                                       | Garantizar la prestación del servicio de barrido y limpieza de vías y áreas públicas, en cuanto a frecuencia y calidad de macro y micro rutas |   | Adquirir maquinaria para garantizar el barrido en todas las vías urbanas comprometidas en PGIRS | Una (1) Barredoras Mecánicas               | 1                        | 0                         | 0                             |
|                                       |   |   |   | Treinta y ocho (38) Carro canecas manuales | 6                        | 10                        | 22                            |

|  |  |   |  |    |   |   |
|--|--|---|--|----|---|---|
| Garantizar la prestación del servicio de Corte de Césped con cobertura y calidad |  | Adquirir equipos y maquinaria para garantizar el corte del césped en todas las vías urbanas y áreas públicas comprometidas en PGIRS | Diez (10) Guadañas                     | 5  | 2 | 3 |
| Garantizar la normal prestación del servicio de Poda de Arboles                  |  | Adquirir equipos y maquinaria para garantizar la poda de árboles en todas las vías urbanas y áreas públicas comprometidas en PGIRS  | Dos (2) Motosierras.                   | 0  | 1 | 1 |
| Garantizar la normal prestación del servicio de Lavado de vías Publicas          |  | Adquirir equipos y maquinaria para garantizar la lavada de Puentes y áreas públicas comprometidas en PGIRS                          | Una (1) hidro lavadora de alta presión | 0  | 1 | 0 |
|  |  |   | Un (1) Vehículo con tanque de agua     | 0  | 1 | 0 |
| Garantizar la prestación del servicio de Instalación de canastillas              |  | Adquisición de Soldadura Herramientas Menores para garantizar un adecuado servicio.   | Setenta (70) Canastillas               | 70 | 0 | 0 |
|  |  |   | un (1) Equipos de Soldadura            | 0  | 1 | 0 |



**SERVICIUDAD ESP**  
 Empresa Industrial y Comercial del Estado  
 NIT. 816.001.609-1  
 NUIR 1-661700002



|  |   |   |  |  |   |   |   |
|--|---|---|--|--|---|---|---|
|  | Atender con eficiencia las Solicitudes de prestación del servicio hechas por la comunidad   |   | Clasificar las solicitudes de inmediata respuesta y según servicio y tramitar solución teniendo en cuenta los servicios que se prestarán con gradualidad | 100% de las solicitudes atendidas Y según gradualidad                                    | 100% de las solicitudes atendidos según gradualidad                           | el 100% de las solicitudes atendidos según gradualidad                          | 100% solicitudes han sido atendidas   |
| Programa 2: Cultura Ciudadana para un manejo integral de los residuos sólidos. CAMPAÑA MLDOSQUEBRADAS LIMPIA | Capacitar 4.500 clientes por año a fin de ampliar cobertura en cuanto a educación ciudadana | Proyecto 2 Campaña de promoción y educación en La separación en la fuente de residuos sólidos aprovechables y no aprovechables. | Capacitación de suscriptores de SERVICIUDAD en el manejo integral de residuos sólidos  | 32.000 suscriptores de aprox se han capacitado en el manejo integral de residuos sólidos | 4500 suscriptores se han capacitado en el manejo integral de residuos sólidos | 24.000 suscriptores se han capacitado en el manejo integral de residuos sólidos | 10.000 suscriptores se han capacitado en el manejo integral de residuos sólidos |

