

Municipio	Latitud	Longitud	Produccion
Andes, Antioquia	5.62412	-75.95589	35.37
Medellín, Antioquia	6.26868	-75.59639	10.63
Dabeiba, Antioquia	6.95267	-76.29085	27.28
Salgar, Antioquia	5.96643	-75.97188	24.05
San Pablo de Borbur, Boyacá	5.67784	-74.10383	1.59
Labranzagrande, Boyacá	5.53	-72.59873	1.2
Miraflores, Boyacá	5.15175	-73.17282	1.11
Moniquirá, Boyacá	5.86963	-73.54944	1.28
Manizales, Caldas	5.0741	-75.50288	24.76
Anserma, Caldas	5.20035	-75.75022	8.23
Pensilvania, Caldas	5.40334	-75.1766	6.6
Riosucio, Caldas	5.45036	-75.73531	6.63
Aguadas, Caldas	5.57937	-75.45557	6.74
Morales, Cauca	2.84901	-76.74932	14.19
El Tambo, Cauca	2.4527	-76.81132	13.25
Bolívar, Cauca	1.89843	-76.97234	11.89
Aguachica, Cesar	8.30592	-73.61166	3.6
San Diego, Cesar	10.33573	-73.18049	2.71
Caparrapí, Cundinamarca	5.37312	-74.51297	1.45
Viotá, Cundinamarca	4.43705	-74.48354	1.75
Sasaima, Cundinamarca	4.94796	-74.41729	2.29
Neiva, Huila	3.03602	-75.29684	22.25
Pitalito, Huila	1.7774	-76.13852	21.85
Gigante, Huila	2.39452	-75.52775	21.92
Santa Marta, Magdalena	11.23153	-74.1824	3.8
La Unión, Nariño	1.60903	-77.14714	7.59
Pasto, Nariño	1.05204	-77.20717	8.12
Samaniego, Nariño	1.3894	-77.72329	5.7
Sardinata, Norte de Santander	8.25885	-72.79639	2.52
Ocaña, Norte de Santander	8.22019	-73.39012	2.6
Convención, Norte de Santander	8.83257	-73.18585	2.34
Génova, Quindío	4.192	-75.74795	4.99
Calarcá, Quindío	4.45392	-75.68058	6.09
Quimbaya, Quindío	4.61334	-75.78586	5.49
Pereira, Risaralda	4.78502	-75.65506	8.89
Santuario, Risaralda	5.03229	-75.97494	7.36
Belén de Umbria, Risaralda	5.19016	-75.86725	9.06
Rionegro, Santander	7.54004	-73.42111	1.87
Bucaramanga, Santander	7.16502	-73.10824	1.79
Barbosa, Santander	5.95458	-73.62693	8.56
Socorro, Santander	6.46604	-73.24775	7.92
Simacota, Santander	6.67635	-73.62452	6.5
Chaparral, Tolima	3.75307	-75.59347	8.73
Dolores, Tolima	3.6221	-74.76516	11.86
Ibagué, Tolima	4.47824	-75.2436	1.43
Líbano, Tolima	4.87582	-75.04174	1.19
Cartago, Valle	4.71034	-75.91931	6.27

Tulua, Valle	4.03985	-76.06656	5.94
Jamundí, Valle	3.2012	-76.62458	3.54
Sevilla, Valle	4.15709	-75.88795	2.84
Caicedonia, Valle	4.3072	-75.84114	3.11
Florencia, Caquetá	1.61887	-75.60384	0.37
Puerto Milán, Caquetá	1.33546	-75.51081	0.33
Nunchía, Casanare	5.53209	-72.07238	0.38
Mesetas, Meta	3.1057	-74.1243	0.43

Municipio	Latitud	Longitud	Capacidad	CostoFijo
Medellín, Antioquia	6.26868	-75.59639	104	199194.44
La Dorada, Caldas	5.53144	-74.72005	38	111741.67
Aguadas, Caldas	5.57937	-75.45557	38	111741.67
Salamina, Caldas	5.34395	-75.40658	35	107766.67
Popayán, Cauca	2.4427	-76.57841	23	91863.89
Valledupar, Cesar	10.46477	-73.25915	11	75963.89
Bogotá, Cundinamarca	4.6483	-74.10781	10	74638.89
Santana, Huila	3.58706	-74.70524	42	117041.67
Neiva, Huila	3.03602	-75.29684	48	124991.67
Santa Marta, Magdalena	11.23153	-74.1824	4	66688.89
Cúcuta, Nor. de Santander	8.07777	-72.4772	8	71988.89
Pasto, Nariño	1.05204	-77.20717	25	94513.89
Génova, Quindío	4.192	-75.74795	7	70663.89
Calarcá, Quindío	4.45392	-75.68058	5	68013.89
Filandia, Quindío	4.66388	-75.65585	9	73313.89
Pereira, Risaralda	4.78502	-75.65506	5	68013.89
Bucaramanga, Santander	7.16502	-73.10824	18	85238.89
Barbosa, Santander	5.95458	-73.62693	12	77288.89
Cali, Valle del Cauca	3.39506	-76.52566	29	99816.67