

Data and information of Home Gardens in Vavuniya District



**Land Use Policy Planning Department
Ministry of Lands and Land Development
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Definition for Home Garden¹

1. A piece of land which has a dwelling house and some form of cultivation can be considered as a home garden if the total area of the piece of land is **twenty or less than twenty** perches.
2. A piece of land which has a dwelling house and some form of cultivation, if total land areas is **more than twenty** perches can also be considered as a home garden if following two conditions are satisfied.
 - a. It is mainly meant for residential purposes.
 - b. A produce of cultivated land in the home garden is largely for home consumption.

Examples for Home Garden

- a) A land of extent 20 perches or less has a dwelling house and a few bearing coconut trees.
- b) A land of 20 perches or less, has a dwelling house and having extensive cultivation mainly for commercial purposes

By definition (1) this land can be considered as a home garden

- c) A two acre land has dwelling house. Although the extent covered by a house is comparatively small and few crops are grown mainly for home consumption.

According to definition (2) this land is also a home garden.

- d) A small house in a two roods land. But the usable land has been intensively cultivated with vegetable crops which are mainly for sale.

Although this land has a dwelling house and also extent is small, as the produce from the land is not mainly for home consumption, it will not be treated as a home garden.

However, in this survey cases like (d) have been treated as a home garden by excluding the area under commercial cultivation. For an example a one acre land with cinnamon cultivation (commercial purpose) also having a dwelling house, a small area around the house, may be 20 perches or less was separated out from the total land and considered as a home garden. Rest of the land was not counted to the home garden area and it was treated as land area under commercial cultivation.

¹ Department of Census and Statistics, Sri Lanka.

Conversion Factors

All figures in the data tables are given in hectares. However, only total figures of all tables were converted into acres and given in a separate row at the end of each table. Due to inadequate space of the tables it is not possible to accommodate all figures in both units. The following conversion factors can be used to convert hectares into acres or perches.

Metric Unit	Conversion factor	Equivalent Imperial Unit
Hectare	Multiply by 2.47	Acre
Hectare	Multiply by 395	Perches

Note: *The home garden total extents given in the last two rows of the tables are presented as rounded figures without decimals. In some cases, when you are totaling the extent figures of the tables, total and grand total figures may slightly vary due to the adding of decimals.*

1. Distribution of home gardens in Vavuniya District

There are four Divisional Secretary Divisions (DSD) in the Vavuniya District. Data revealed that there are no home gardens available which are less than 20 perches in three DSDs except Vavuniya DSD. The composition of the home gardens in the Vavuniya district is having less variation compared to wet zone districts. The distribution pattern of the home gardens in the Vavuniya district are shown in the Figure 1. The total extent of all home gardens is approximately 23,524 ha. (58,103 acres). However, the present extents of home gardens are slightly lower than the data of National Land Use Survey (2019), mainly due to exclusion of some areas based on the home garden definition considered. It should also be noted that as all extents are obtained from mapping exercise, they are approximate and they can only be acceptable for planning purposes.

2. Present status of home gardens in Vavuniya District

Generally, majority of the home gardens in Vavuniya District are having less vegetative cover due to existing harsh climatic condition. Data revealed that almost all home gardens are underutilized due to various reasons such as lack of water, animal threats, lack of capital, lack of know-how etc.

Most of the home gardens are having wells as their water source (Table 1 and Figure 2). However, some of the wells are drying during the prolonged dry period. Pipe borne water is available only in Vavuniya town area. Cultivations in most of the home gardens are depend on monsoonal rains.

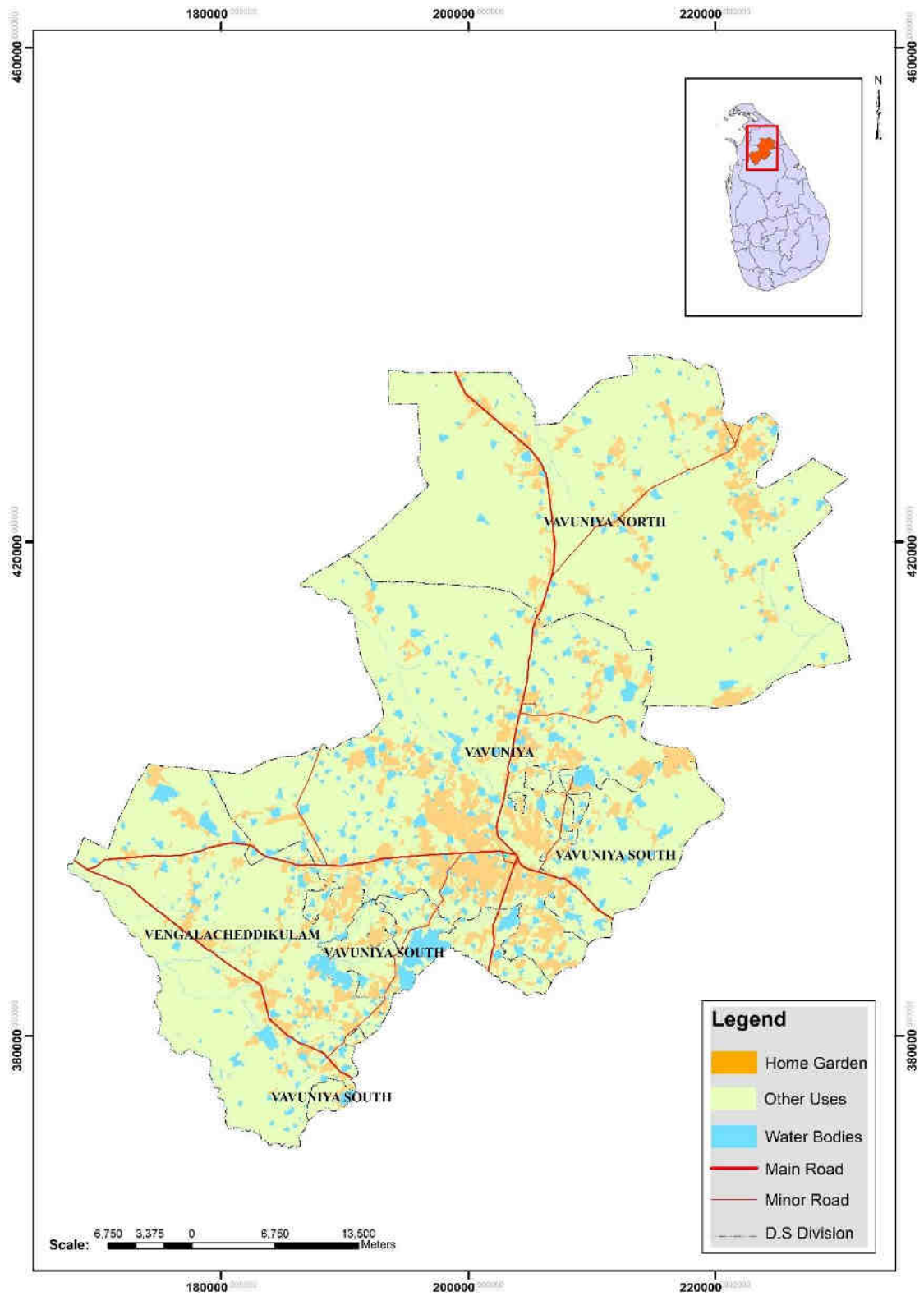


Fig 1. Distribution of home gardens in Vavuniya District

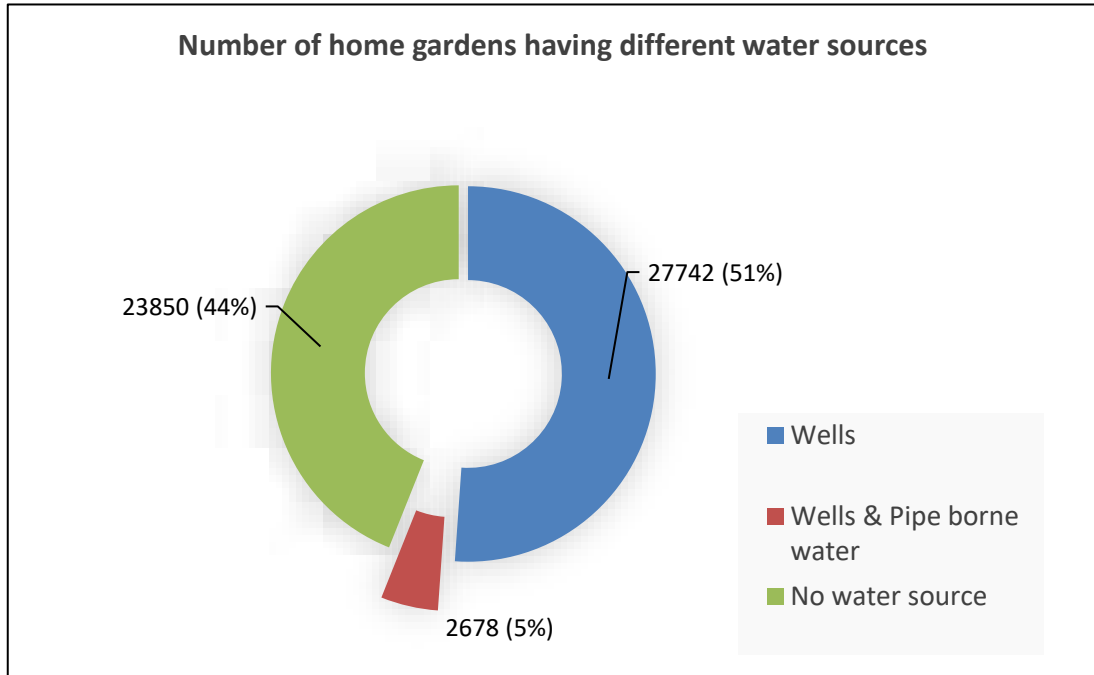


Fig. 2. Number of home gardens and their percentages based on their water sources in Vavuniya District.

Table 1: Availability of water sources in home gardens in Vavuniya District

No.	DSD Name	Total no of home gardens	Water Source			
			well	Pipe borne water	Well & Pipe borne water	No water source within the home garden and obtain from outside (Rainfed)
1	Vavuniya	34,937	8,436	-	2,678	23,823
2	Vavuniya North	5,785	5,758	-	-	27
3	Vavuniya South	5,112	5,112	-	-	
4	Vengalacheddikulam	8,436	8,436	-		
Total		54,270	27,742	-	2,678	23,850

3. Number of home gardens and their extents available in the Vavuniya District

Total number of home gardens in Vavuniya district is about 54270. The size of the home gardens is varying and majority are between 0.05-0.4 ha. (21-160 perches). There are about 24,936 home gardens which are larger than 0.4 ha (160 perches or 1 ac.). However, number of small home gardens (smaller than 0.05 ha or 20 perch) in the district is about 2,439 and confined only to Vavuniya DSD. (Figure 3).

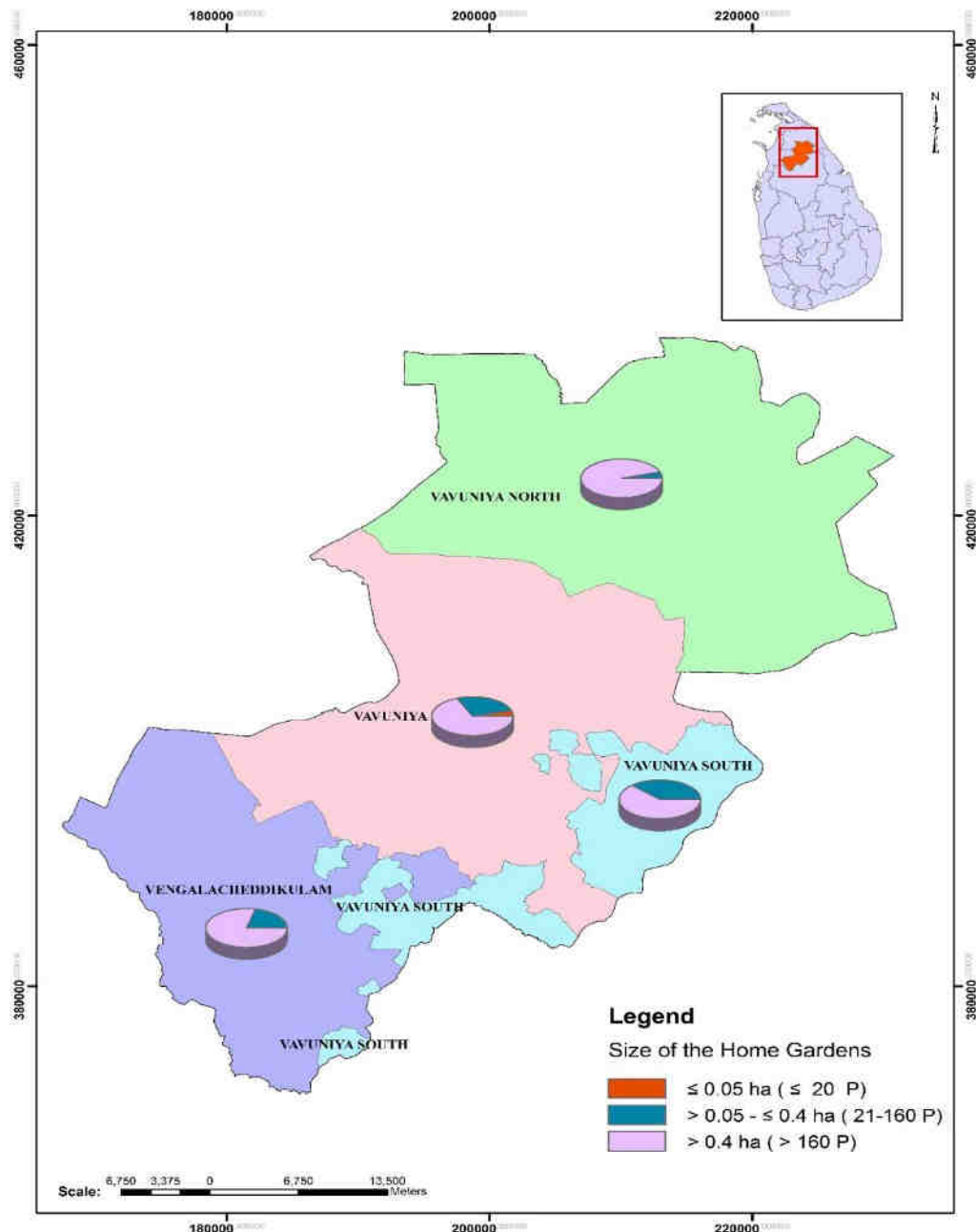


Fig. 3. Number of home gardens based on their sizes, available in the Vavuniya District.

Table 2: Number of home gardens and their approximate extents available in the Vavuniya District

No.	DSD Name	Category - 1 No. of Home Gardens ≤ 0.05 ha. (≤ 20 Perches)		Category - 2 No. of Home Gardens > 0.05 - ≤ 0.4 ha. (21-160 Perches)		Category - 3 No. of Home Gardens > 0.4 ha. (> 160 Perches)		No of Home Gardens in all categories		Home Garden area under Paddy/ Seasonal crops cultivation (ha)
		No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	Total No of Home Gardens	Total extents (ha)	
1	Vavuniya	2,678	118	18,962	3,735	13,297	8,282	34,937	12,134	177
2	Vavuniya North	-	-	555	196	5,230	4,726	5,785	4,922	400
3	Vavuniya South	-	-	3,240	853	1,872	1,300	5,112	2,153	446
4	Vengalcheddikulam	-	-	3,899	874	4,537	3,440	8,436	4,314	304
	Total (Hectare)	2,678	118	26,656	5,658	24,936	17,747	54,270	23,524	1,326
	Total (Acres)		291		13,976		43,836		58,103	3,276

Table 3: Number of Home Gardens and their approximate extents available in the Vauniya Divisional Secretary Division of Vavuniya District

No	GND Name	GND No.	Category - 1 No. of Home Gardens ≤ 0.05 ha. (≤ 20 Perches)		Category - 2 No. of Home Gardens > 0.05 - ≤ 0.4 ha. (21-160 Perches)		Category - 3 No. of Home Gardens > 0.4 ha. (> 160 Perches)		No of Home Gardens in all categories	
			No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	Total No. of Home Gardens	Total extents (ha)
1	Arumugaththan Puthukulam	220E	-	-	34	9	152	105	186	114
2	Asikulam	244	-	-	1,019	264	1,028	327	2,047	591
3	Eachchankulum	420	-	-	801	85	386	406	1,187	491
4	Ilamaruththankulum	220G	-	-	28	4	57	41	85	45
5	Kallickulum	215C	-	-	-	-	710	836	710	836
6	Kalmadu	218B	-	-	218	43	373	282	591	326
7	Kanthapurum	218G	-	-	615	131	331	213	946	345
8	Kaththarsinnakulum	215B	-	-	1,352	278	23	2	1,375	280
9	Koomankulum	218F	-	-	-	-	1,777	504	1,777	504
10	Kovilkulam	244C	239	10.1	577	62	-	-	816	72
11	Maharambeikulam	215A	-	-	2,311	359	-	-	2,311	359
12	Mahilankulum	220F	-	-	274	90	73	57	347	147
13	Malikai	220B	-	-	-	-	126	281	126	281
14	Marudamadu	219	-	-	-	-	345	213	345	213
15	Marukkarampalai	218C	-	-	684	202	642	812	1,326	1,014
16	Maruthankulum	220	-	-	176	41	150	157	326	198
17	Moonrumurippu	214G	-	-	29	10	433	313	462	323
18	Nelukulum	218	-	-	1,420	362	-	-	1,420	362
19	Nochchimoddai	215	-	-	278	74	178	138	456	212

Cont.

No	GND Name	GND No.	Category - 1 No. of Home Gardens ≤ 0.05 ha. (≤ 20 Perches)		Category - 2 No. of Home Gardens > 0.05 - ≤ 0.4 ha. (21-160 Perches)		Category - 3 No. of Home Gardens > 0.4 ha. (> 160 Perches)		No of Home Gardens in all categories	
			No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	Total No. of Home Gardens	Total extents (ha)
20	Omanthai	220D	-	-	-	-	447	431	447	431
21	Paddanichchpuliyankulum	244D	1,380	69.9	-	-	-	-	1,380	70
22	Palamoddai	219A	-	-	230	205	113	26	343	231
23	Pampaimadu	218A	-	-	-	-	588	430	588	430
24	Pandarikulam	214E	1,059	37.7	629	60	-	-	1,688	98
25	Pantrikeiththa kulum	220C	-	-	40	8	176	84	216	92
26	Parannaddakal	216A	-	-	-	-	291	203	291	203
27	Poovarsankulum	218C	-	-	-	-	645	334	645	334
28	Puthukulam	216	-	-	216	61	-	-	216	61
29	Rambaikulam	244A	-	-	1,000	89	-	-	1,000	89
30	Rasendrankulam	217	-	-	72	19	537	282	609	301
31	Salambaikulam	217B	-	-	83	13	664	327	747	340
32	Samanankulum	244B	-	-	598	176	316	256	914	432
33	Sasthrikulamkulam	218D	-	-	148	236	581	117	729	353
34	Sekkadipulavu	217C	-	-	188	129	848	186	1,036	314
35	Semamadu	220A	-	-	-	-	113	300	113	300
36	Thandikulam	214A	-	-	705	72	180	177	885	249
37	Thonikkal	214F	-	-	2,478	228	-	-	2,478	228
38	Vairavapuliyankulum	214D	-	-	1,090	156	-	-	1,090	156

Cont.

No	GND Name	GND No.	Category - 1 No. of Home Gardens ≤ 0.05 ha. (≤ 20 Perches)		Category - 2 No. of Home Gardens > 0.05 - ≤ 0.4 ha. (21-160 Perches)		Category - 3 No. of Home Gardens > 0.4 ha. (> 160 Perches)		No of Home Gardens in all categories	
			No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	Total No. of Home Gardens	Total extents (ha)
39	Vavuniya town North	214C	-	-	744	137	84	41	828	177
40	Vavuniya-Town	214	-	-	857	107	-	-	857	107
41	Velankulum	217D	-	-	68	25	306	237	374	261
42	Velikulum	244D	-	-	-	-	624	164	624	164
	Total (Hectare)		2,678	118	18,962	3,735	13,297	8,282	34,937	12,134
	Total (Acres)			291		9,226		20,455		29,972

Table 4: Number of Home Gardens and their approximate extents available in the Vauniya North Divisional Secretary Division of Vavuniya District

No	GND Name	GND No.	Category - 1 No. of Home Gardens ≤ 0.05 ha. (≤ 20 Perches)		Category - 2 No. of Home Gardens > 0.05 - ≤ 0.4 ha. (21-160 Perches)		Category - 3 No. of Home Gardens > 0.4 ha. (> 160 Perches)		No of Home Gardens in all categories	
			No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	Total No. of Home Gardens	Total extents (ha)
1	Ananthar Puliyankulam	223A	-	-	-	-	127	180	127	180
2	Kanakarayankulam North	225 A	-	-	-	-	337	272	337	272
3	Kanakarayankulam South	225	-	-	-	-	500	316	500	316
4	Katkulam	221D	-	-	-	-	248	260	248	260
5	Kulavisuddan	222D	-	-	34	11	195	182	229	192
6	Mamadu	222C	-	-	-	-	282	317	282	317
7	Mannakulam	225B	-	-	-	-	334	346	334	346
8	Maragiluppai	222E	-	-	-	-	234	115	234	115
9	Maruthodai	221B	-	-	-	-	126	103	126	103
10	Naginamadu	223C	-	-	-	-	284	326	284	326
11	Nedunkeny North	222A	-	-	-	-	262	187	262	187
12	Nedunkeny South	222	-	-	-	-	376	316	376	316
13	Olumadu	222E	-	-	-	-	359	436	359	436
14	Paddikudiyirupu	221C	-	-	-	-	140	104	140	104
15	Paranthan	223E	-	-	184	67	115	113	299	180
16	Puliyankulam North	224A	-	-	208	82	273	188	481	270
17	Puliyankulam South	224	-	-	-	-	378	388	378	388
18	Sinnadampam	223B	-	-	69	21	234	214	303	235

Cont.

No	GND Name	GND No.	Category - 1 No. of Home Gardens ≤ 0.05 ha. (≤ 20 Perches)		Category - 2 No. of Home Gardens > 0.05 - ≤ 0.4 ha. (21-160 Perches)		Category - 3 No. of Home Gardens > 0.4 ha. (> 160 Perches)		No of Home Gardens in all categories	
			No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	Total No. of Home Gardens	Total extents (ha)
19	Unchalkaddy	221	-	-	-	-	35	28	35	28
20	Vedivaitakallu	221A	-	-	60	15	391	334	451	348
	Total (Hectare)		-	-	555	196	5,230	4,726	5,785	4,922
	Total (Acres)		-	-	1,371	484	12,918	11,674	14,289	12,158

Table 5: Number of Home Gardens and their approximate extents available in the Vavuniya South Divisional Secretary Division of Vavuniya District

No	GND Name	GND No.	Category - 1 No. of Home Gardens ≤ 0.05 ha. (≤ 20 Perches)		Category - 2 No. of Home Gardens > 0.05 - ≤ 0.4 ha. (21-160 Perches)		Category - 3 No. of Home Gardens > 0.4 ha. (> 160 Perches)		No of Home Gardens in all categories	
			No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	Total No. of Home Gardens	Total extents (ha)
1	Acre 400	C209G	-	-	-	-	390	412	390	412
2	Acre20,40,60	C209F	-	-	-	-	174	85	174	85
3	Agbopura	C213D	-	-	79	26	161	132	240	158
4	Alagalla	C212B	-	-	129	41	88	45	217	86
5	Avusathapitiya	C212C	-	-	420	84	60	36	480	120
6	Awaranthulawa	C209E	-	-	198	89	-	-	198	89
7	Eratperiuakulama	C212A	-	-	296	32	-	-	296	32
8	Kalkunamaduwa	C212DC	-	-	295	84	42	19	337	103
9	Madukanda	C212	-	-	-	-	392	181	392	181
10	Mahakachchakodiya	C213A	-	-	220	53	59	24	279	77
11	Mahamailankulama	C212F	-	-	228	42	-	-	228	42
12	Mamaduwa	C213	-	-	201	61	-	-	201	61
13	Marathanmaduwa	C209C	-	-	175	95	-	-	175	95
14	Nedunkulama	C212E	-	-	293	97	-	-	293	97
15	Periyaulukkulama	C209	-	-	319	62	28	23	347	85
16	Pirappanmaduwa	C213C	-	-	-	-	321	196	321	196
17	Poomaduwa	C209A	-	-	69	26	-	-	69	26
18	Puthubulanklama	C213B	-	-	318	60	-	-	318	60
19	Rankethgama	C209D	-	-	-	-	85	95	85	95

Cont.

No	GND Name	GND No.	Category - 1 No. of Home Gardens ≤ 0.05 ha. (≤ 20 Perches)		Category - 2 No. of Home Gardens > 0.05 - ≤ 0.4 ha. (21-160 Perches)		Category - 3 No. of Home Gardens > 0.4 ha. (> 160 Perches)		No of Home Gardens in all categories	
			No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	Total No. of Home Gardens	Total extents (ha)
20	Track 07	C209B	-	-	-	-	72	51	72	51
	Total (Hectare)		-	-	3,240	853	1,872	1,300	5,112	2,153
	Total (Acres)			-	8,003	2,107		3,211		5,318

Table 6: Number of Home Gardens and their approximate extents available in the Vengalcheddikulam Divisional Secretary Division of Vavuniya District

No	GND Name	GND No.	Category - 1 No. of Home Gardens ≤ 0.05 ha. (≤ 20 Perches)		Category - 2 No. of Home Gardens > 0.05 - ≤ 0.4 ha. (21-160 Perches)		Category - 3 No. of Home Gardens > 0.4 ha. (> 160 Perches)		No of Home Gardens in all categories	
			No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	Total No. of Home Gardens	Total extents (ha)
1	Andiyapuliyankulam	207	-	-	1,000	207	391	256	1,391	463
2	Cheddikulam	211A	-	-	-	-	305	312	305	312
3	Christhokulam	211D	-	-	139	27	-	-	139	27
4	Kankankulam	211E	-	-	42	6	223	172	265	178
5	Kannaddy	207C	-	-	92	23	-	-	92	23
6	Kanthasaminagar	208B	-	-	9	2	373	154	382	156
7	Kurukkalputhukkulam	208A	-	-	127	36	219	185	346	222
8	Muhathankulam	211 B	-	-	-	-	142	145	142	145
9	Muthaliyakulam	210	-	-	458	171	94	54	552	224
10	Neriyakulam	210B	-	-	191	24	540	273	731	297
11	Pavatkulam unit 4	208D	-	-	-	-	250	215	250	215
12	Pavatkulam unit 5&6	208C	-	-	-	-	320	208	320	208
13	Pavatkulam 9 &10	211C	-	-	-	-	118	224	118	224
14	Pavatkulam unit 2	208E	-	-	473	147	-	-	473	147
15	Periyakaddu	207B	-	-	-	-	252	116	252	116
16	Periyapuliyalankulam	211	-	-	18	6	708	488	726	495
17	Periyathambanai	207A	-	-	-	-	176	241	176	241

Cont.

No	GND Name	GND No.	Category - 1 No. of Home Gardens ≤ 0.05 ha. (≤ 20 Perches)		Category - 2 No. of Home Gardens > 0.05 - ≤ 0.4 ha. (21-160 Perches)		Category - 3 No. of Home Gardens > 0.4 ha. (> 160 Perches)		No of Home Gardens in all categories	
			No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	No. of Home Gardens	Total extents of all Home Gardens (ha)	Total No. of Home Gardens	Total extents (ha)
18	Piramanalankulam	207D	-	-	32	11	155	175	187	186
19	Sinnasippikulam	210A	-	-	640	134	97	139	737	273
20	Sooduventhapulavu	208	-	-	678	79	174	82	852	161
	Total (Hectare)		-	-	3,899	874	4,537	3,440	8,436	4,314
	Total (Acres)		-	-	9,631	2,159	11,206	8,496	20,837	10,655