

CHAPTER: 7

AGRICULTURE

7.0 Agriculture Sector in Kuchchaveli Division - 2020

Agriculture continues to play a major role in the economy of the Kuchchaveli division even during the conflict in the region. Agriculture is not only a major contributing sector to the economy but also a major sector for employment in the rural areas. This division mainly relies on agriculture for food security, income generation and employment of the population.

Crop agriculture constitutes to a greater proportion of the total production in the Kuchchaveli division in terms of food security, income and employment. Thus, the economy of Kuchchaveli division revolves around this sector. Approximately 85 % of the economically active population is engaged in crop farming. The civil disturbances caused damages to public and private assets including agriculture infrastructures, displacement of farm families, restrictions on the movement of fertilizer, fuel and other agro – inputs and disruptions to several supporting services. This resulted in severe setback in crop agriculture.

As far as crop cultivation is concerned, even though subsidiary crops of fruits are cultivated, paddy cultivation takes the main important place. During the last Maha cultivation session, identified 3,420 Hectare of lands. 1,420 Hectares were identified for paddy cultivation. This is 60% of the total cultivable lands. Out of the 196.8 hectares identified to do Yala cultivation, this is also about 90%

Out of the 3721 Hectares as identified for paddy cultivation in Maha cultivation, 2470 Hectares could be cultivated by major irrigation, 300 Hectares could be cultivated by minor irrigation and 400 Hectares by

rain fed. More than 25% of the land is on rain fed. This shows the insufficiency of irrigation facilities.

In the lands identified in the Yala cultivation 1470 Hectares is cultivated by major irrigation and 300 Hectares by minor irrigation. Five medium tanks and more than thirty minor tanks are available in this division. If all these tanks are renovated, more water can be provided for paddy cultivation and thus the production of paddy can be increased.

Due to the continuous Ethnic violence, there was a great fall in the paddy cultivation. Since 1987, violence occurred very often and the cultivation was terribly affected. This is realized from the fact that the yala cultivation was completely abandoned. The reason was that the people could not go to the lands regularly, they migrated from their places and could not meet together and decide about the allocation of land for farming.

Now situation is normal, most of the families are engaged in the farming and agricultural activities. We have already renovated some irrigation tanks under Jathika Saviya Gama Neguma Programme in resettled areas for cultivation and some INGO also assisting to develop the agriculture sector.

In Kuchchaveli Division could be generally paddy cultivation (Rain fed & irrigated) vegetable production, OFC Cultivation, Vegetable Cultivation, Fruit Cultivation.

7.1 Agriculture Land Area Details in Kuchchaveli DS Division

S/N	G.N Division	Extent (Sq.mile)	Agricultural Land Area in ha					Total
			Paddy land Area (ha)	OFC Land Area (ha)	Other Crops Cultivation Area (ha)	Coconut Cultivation Area (ha)	Cashew Cultivation Area (ha)	
1	Periyakulam	2	95	59	21		12	189
2	Iqbalnagar	2	221	86	40	7	3	359
3	Velloor	6	165	36	7	6		220
4	Nilaveli	9	1128	25	15	7	3	1187
5	Gobalapuram	6	38	86	50	21		201
6	Vaalaiuttru		144	29	8	50		231
7	Irakakandy	0	11	9	1			20
8	Kumburupity-East	9	337	101	20	55		522
9	Kumburupity-North		115	20	2	2		139
10	Kumburupity-South		135	20	5	4		164
11	Iranaikerny	5	238	65	45	5	1	359
12	Veerancholai	4	164	37	21	7	4	237
13	Kuchchaveli	23	550	69	25	-	-	667
14	Casim nagar	5	102	99	35	0.1		241.1
15	Jaya nagar	3	98	79	45	1		181
16	Senthoor		142	45	7	51		245
17	Thiriyai	3	344	61	21			429
18	Kattukulam	18	1161	55	31	1.5		1266.5
19	Kallampathai		278	20	2			300
20	Pulmoodai-01	16	1410	76	4	-	-	1506
21	Pulmoodai-02	1	25	18	1			45
22	Pulmoodai-03	8	526	11	2	-	-	547
23	Pulmoodai-04	14	278	36	5	5	-	338
24	Thennamaravadi	9	715	9	1	-	-	734
	Total	143	8420	1151	368	222.6	23	10327.6

Source: Department of Agrarian Development, Trincomalee

7.2 Details of Farmers Organization

S. No.	G.N Division	Name of Farmer Organization	No. of Members
1	Periyakulam	Konesapuri – periyakulam F.O	42
2	Iqbalnagar	Thamaraikkulam F.O	83
3	Velloor	Velloor Amapal F.O	142
4	Nilaveli	Periyakulam F.O	73
		Nilaveli F.O	42
		Nilaveli East F.O	80
5	Gobalapuram	Pasumai F.O	290
6	Valaiyoothu	Valaiyoothu F.O	156
7	Irrakkakandy	Irrakkakandy F.O	48
8	Kumpirupitty South	Kumpirupitty F.O, South	105
		Maduwan Kulam F.O	56
9	Kumpirupitty East	Not fuction	-
10	Kumpiruptty North	Ilanthalir F.O	86
11	Irranaikerny	Irranaikerny F.O	120
12	Veeransolai	Veeransolai F.O	65
13	Casimnagar	Kuchchaveli FO	65
		Eathandamuripu FO	86

S. No.	G.N Division	Name of Farmer Organization	No. of Members
15	Jayanagr	Jayanagar F.O	150
16	Senthoor	Not function	-
17	Kaddukulam	Kaddukulam F.O	165
18	Kallampathai	Not function	-
19	Thiriyai	Thiriyai F.O	140
20	Pulmadai - 1	Karaiyanpilavu F.O	348
		Aandan kulam F.O	180
		Kaadduthennai F.O	170
		Safa F.O	120
		Kaidaipadda kandal	93
21	Pulmadai - 2	No	-
22	Pulmadai - 3	Oddan Kulam F.O	518
23	Pulmadai - 4	Jinaapuram F O	280
		Maruthankulam F.O	180
24	Thenamaravadi	Kamakkarar F.O	103
		Amarivayal F.O (New)	180

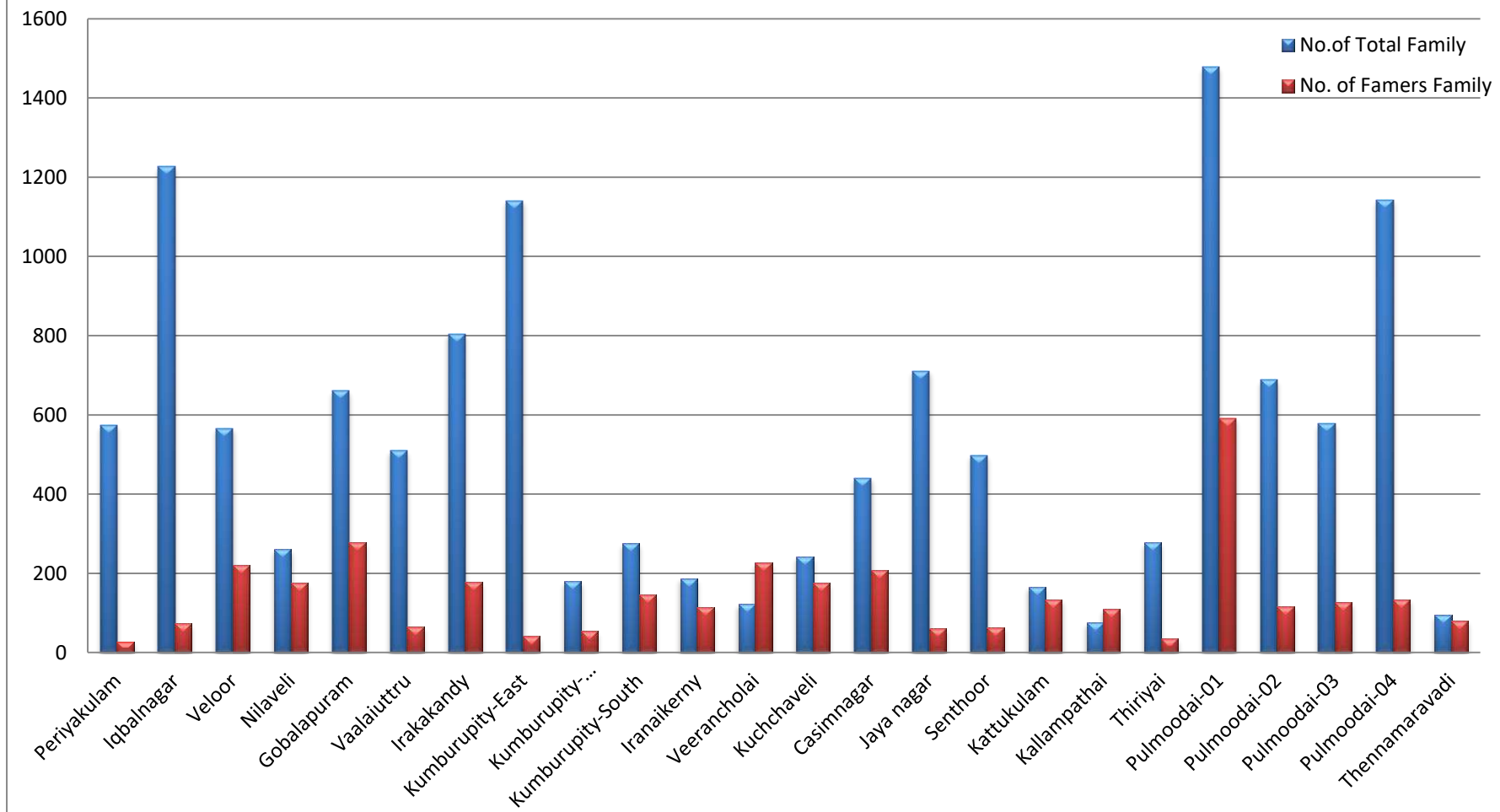
Source: Department of Agrarian Development, Trincomalee

7.3 Details of Farmers in Kuchchaveli DS Division

S/N	G. N. Division	G.N. Number	Number of Villages	No. of Families	Total Population	No. of Farmers Families	No of Farmers
1	Periyakulam	241E	3	574	1762	28	44
2	Iqbalnagar	241D	5	1,227	3325	73	75
3	Velloor	241C	3	566	1898	221	240
4	Nilaveli	241	2	261	782	175	190
5	Gobalapuram	241B	1	661	1834	278	301
6	Vaalaiuttru	241 G	1	510	1486	65	130
7	Irakakandy	241 A	1	804	2892	178	198
8	Kumburupity-East	240B	6	1141	3461	41	42
9	Kumburupity-North	240A	1	180	525	54	75
10	Kumburupity-South	240	2	276	742	147	190
11	Iranakerny	239A	3	187	535	115	125
12	Veerancholai	239B	2	123	333	227	280
13	Kuchchaveli	239	3	241	858	176	630
14	Casimnagar	239D	2	440	1,449	207	248
15	Jaya nagar	239C	4	711	2,451	62	110
16	Senthoor	237B	4	498	1,934	64	150
17	Kattukulam	237C	3	166	572	134	152
18	Kallampathai	237C	2	76	189	110	178
19	Thiriyai	237D	3	277	992	35	45
20	Pulmoodai-01	31 I	6	1,478	5,300	592	678
21	Pulmoodai-02	31H	6	688	2,347	116	180
22	Pulmoodai-03	31G	5	578	1,908	126	300
23	Pulmoodai-04	31J	7	1,143	3,797	134	160
24	Thennamaravadi	31 E	2	94	258	81	105
	Total		78	12,900	42,577	3439	4826

Source: Department of Agrarian Development, Trincomalee

Farmers Family



7.4 Paddy Production Details Based on Seasonal wise (Maha)

Description	2014/15 Maha	2015/16 Maha	2016/17 Maha	2017/18 Maha	2018/19 Maha	2019/20 Maha
Target(ha)	1,530	1,740	2000	2,240	2,410	2,680
Extent (ha)	1,510	1,570	1,710	1,935	2,105	21,420
Production (Mt)	5,420	5,630	6,120	6,466	7,025	7,122

Source: Department of Agrarian Development, Trincomalee

7.5 Paddy Production Details Based on Seasonal wise (Yala)

Description	2015 Yala	2016 Yala	2017 Yala	2018 Yala	2019 Yala	2020 Yala
Target(ha)	1,800	2,110	2,500	2, 940	3,020	3,630
Extent (ha)	1,240	1,480	2,110	2,740	2,920	3,080
Production (Mt)	5,140	5,950	6,450	6,768	6,942	7,170

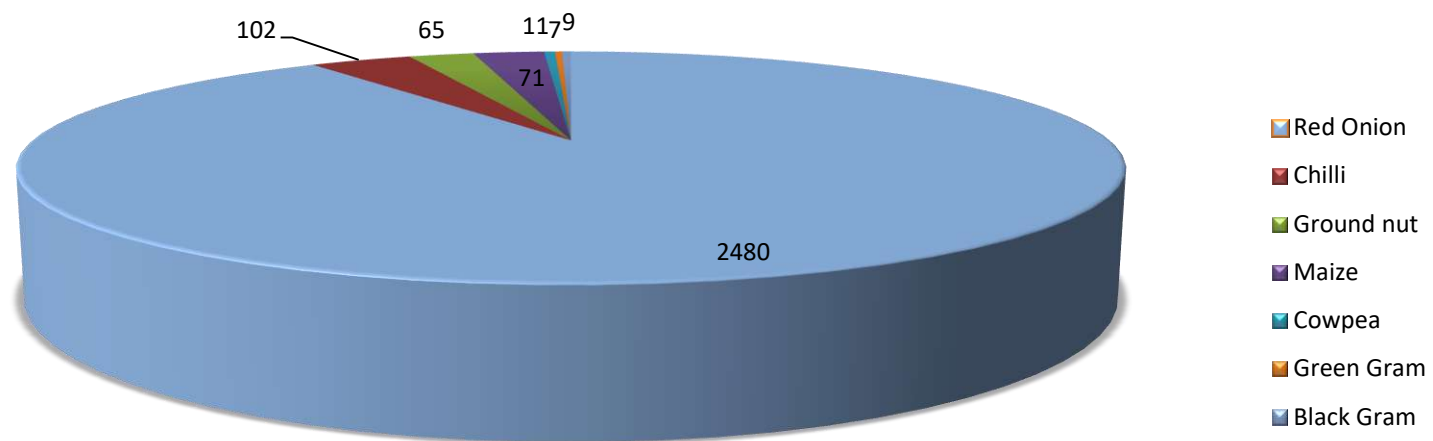
Source: Department of Agrarian Development, Trincomalee

7.6 OFC Production Details Based on Sesonal wise (Yala, Maha)

Type of Crops	Description	Yala 2015	Maha 2014/2015	Yala 2016	Maha 2015/2016	Yala 2017	Maha 2016/2017	Yala 2018	Maha 2017/2018	Yala 2019	Maha 2018/2019	Maha 2019/2020
Red Onion	Targeted Extent (ha)	586	164	593	168	596	172	603	172	603	180	810
	Achievement (ha)	484	163	42	9	44	165	618	165	618	192	750
	Average Yield (Mt/ha)	12	12	12	12	12	12	12	12	12	15	14
	Production (Mt)	5,814	1,956	504	108	516	1,980	7,419	1,980	7,419	2480	8001
Chilli	Targeted Extent (ha)	30	13	30	14	25	15	36	15	36	25	36
	Achievement (ha)	36	17	5	16	22	18	36	18	36	24	38
	Average Yield (Mt/ha)	2	2	2	2	2	2	2	2	2	5	3
	Production (Mt)	72	25	9	25	44	29	71	29	71	102	71
Ground nut	Targeted Extent (Ha)	66	13	73	17	75	14	105	14	105	41	135
	Achievement (ha)	83	17	38	34	40	30	83	30	83	38	101
	Average Yield (Mt/ha)	2	2	2	2	2	2	2	2	2	3	3
	Production (Mt)	133	26	61	54	80	48	166	48	166	65	190
Maize	Targeted Extent (Ha)	55	10	60	17	65	11	65	11	65	31	75
	Achievement (Ha)	72	19	18	35	42	32	44	32	44	42	60
	Average Yield (Mt/ha)	2	2	2	2	2	2	2	2	2	3	3
	Production (T)	144	33	36	63	84	58	89	58	89	71	95
Cowpea	Targeted Extent (Ha)	90	9	90	11	90	11	62	11	62	12	65
	Achievement (Ha)	21	8	14	-	20	8	13	8	13	10	19
	Average Yield (Mt/ha)	1	1	1	1	1	1	1	1	1	2	5
	Production (T)	25	6	17	-	24	6	16	6	16	11	21
Green Gram	Targeted Extent (Ha)	19	9	21	6	20	10	26	10	26	17	21
	Achievement (Ha)	12	3	5	1	14	3	10	3	10	10	12
	Average Yield (Mt/ha)	1	1	1	1	1	1	1	1	1	2	3
	Production (T)	12	2	5	1	28	2	10	2	10	7	10
Black Gram	Targeted Extent (Ha)	-	28	18	28	15	11	62	11	62	21	60
	Achievement (Ha)	-	4	6	-	7	8	13	8	13	10	15
	Average Yield (Mt/ha)	-	1	1	1	1	1	1	1	1	2	2
	Production (T)	-	3	6	-	7	6	16	6	16	9	14

Source: Department of Agrarian Development, Trincomalee

OFC Production - 2020

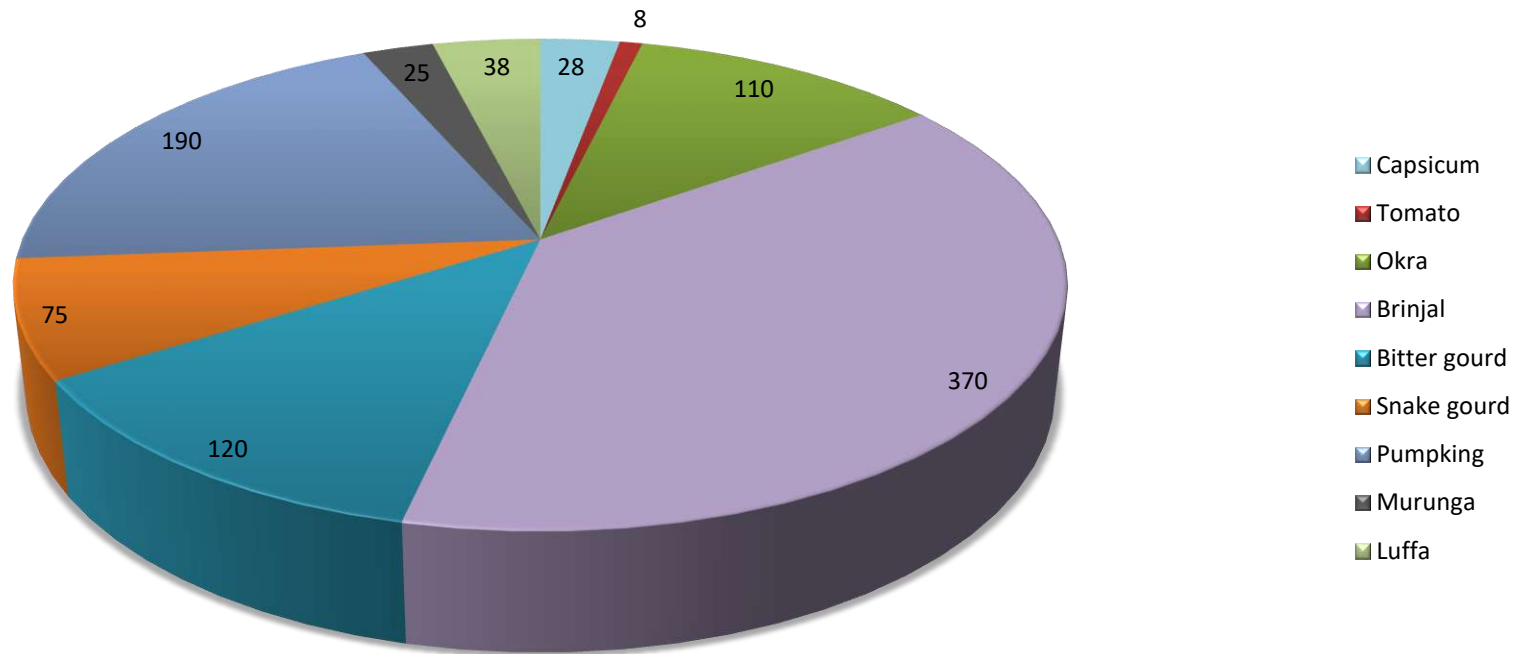


7.7 Vegetable Production Details Based on Seasonal wise (Yala, Maha)

Type of Crops	Description	Yala 2016	Maha 2015/2016	Yala 2017	Maha 2016/2017	Yala 2018	Maha 2017/2018	Yala 2019	Maha 2018/2019	Maha 2019/2020
Capsicum	Targeted Extent (ha)	8	4	5	2	7	2	9	3	10
	Achievement (ha)	9	3	9	4	3	2	6	2	9
	Average Yield (Mt/ha)	13	12	12	12	12	12	12	11	14
	Production (Mt)	35	27	108	51	36	27	36	28	41
Tomato	Targeted Extent (ha)	14	5	11	3	11	5	13	6	14
	Achievement (Ha)	8	0	10	6	3	0	10	0	9
	Average Yield (Mt/ha)	22	22	22	22	22	22	22	22	22
	Production (Mt)	221	6	220	121	66	6	220	8	225
Okra	Targeted Extent (Ha)	13	5	24	6	26	8	15	7	13
	Achievement (Ha)	9	6	23	11	6	7	9	7	10
	Average Yield (Mt/ha)	18	12	13	15	13	15	20	14	18
	Production (Mt)	168	102	293	158	78	105	180	110	201
Brinjal	Targeted Extent (Ha)	40	16	37	11	42	18	45	15	41
	Achievement (Ha)	16	19	28	14	11	19	15	18	15
	Average Yield (Mt/ha)	20	20	20	20	20	20	20	20	20
	Production (T)	300	345	560	280	220	370	300	370	345
Bitter gourd	Targeted Extent (Ha)	12	6	8	2	11	6	12	5	13
	Achievement (Ha)	5	4	4	4	2	5	4	5	5
	Average Yield (Mt/ha)	16	20	15	22	15	22	15	21	22
	Production (T)	62	116	60	94	30	110	60	120	74
Snake gourd	Targeted Extent (Ha)	12	5	11	4	11	5	12	4	13
	Achievement (Ha)	4	1	9	6	3	3	4	2	3
	Average Yield (Mt/ha)	16	21	15	23	15	23	15	20	17
	Production (T)	55	66	135	127	45	69	60	75	65
Pumpkin	Targeted Extent (Ha)	6	17	5	5	5	16	6	15	6
	Achievement (Ha)	3	9	7	5	3	9	3	8	4
	Average Yield (Mt/ha)	16	22	15	20	15	20	15	21	18
	Production (T)	48	170	98	105	45	170	45	190	69
Murunga	Targeted Extent (Ha)	5	5	9	5	7	7	7	7	7
	Achievement (Ha)	4	1	1	1	3	1	5	5	5
	Average Yield (Mt/ha)	4	4	3	5	3	5	3	5	3
	Production (T)	16	4	2	5	9	5	15	25	17
Luffa	Targeted Extent (Ha)	4	0	4	1	3	1	5	0	4
	Achievement (Ha)	3	1	3	3	2	1	4	2	3
	Average Yield (Mt/ha)	13	20	13	22	13	22	13	21	14
	Production (T)	51	38	39	72	26	22	52	38	60

Source: Department of Agrarian Development, Trincomalee

Vegetable Production - 2020



7.8 Details of Agriculture Related Machineries

S/N	G.N	Type of Agriculture Machine			
		Two wheel Tractor	Tractor	Harvester Machine	Others
1	Periyakulam	1	2		1
2	Iqbalnagar	4	5	1	
3	Velloor		7		7
4	Nilaveli	6	23	2	1
5	Gobalapuram	3	11		
6	Valaiyoothu	2	5		
7	Irrakkakandy		6		1
8	Kumpirupitty East	1	1	1	
9	Kumpirupitty South	5	8	3	
10	Kumpirupitty North		5		
11	Irranaikerny	3	7		
12	Veeransolai	-	-	-	-
13	Kuchchaveli	-	2	-	-
14	Casimnagar	6	14		04
15	Jayanagr		7		
16	Senthoor		5		
17	Thiriyai		13		1
18	Kaddukulam	1	3		
19	Kallampathai	-	-	-	-
20	Pulmadai - 1	-	1	2	-
21	Pulmadai - 2	2	1	1	
22	Pulmadai - 3	-	--	-	-
23	Pulmadai - 4	6	33	2	
24	Thenamaravadi	-	-	-	-
	Total	40	159	12	15

Source: Department of Agrarian Development, Trincomalee

Above table depicts, 40 numbers of land master and 154 numbers of tractor are available in this division.