

3. AGRICULTURE

3.1 SOIL CLASSIFICATION

Sl.No.	Type of Soil	Places in the District
1.	Red loam	Rajapalayam, Watrap, Srivilliputhur
2.	Lateratic Soil	Tiruchuli, Kariapatti
3.	Black Soil	Sattur, Srivilliputhur, Aruppukottai, Virudhunagar.
4.	Sandy Coastal Alluviam	Narikudi, Kariapatti
5.	Red Sandy Soil	--

Source: Soil Testing Lab, Agrl. Dept. Virudhunagar.

3.2 LAND UTILISATION

in 'Hec'

Sl.No	Classification	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
1.	Forest	26466	26466	26466	26466	26466
2.	Barren and Uncultivable land	4525	4525	4525	4525	4525
3.	Land Put to Non-agricultural uses **	70510.3	70510.3	70510.3	70510.48	70510.70
4.	Cultivable Waste	9543.18	9534.53	9534.53	9534.51	9534.51
5.	Permanent Pastures and other Grazing land	804	804	804	804	804
6.	Land Under Misc.Tree Crops and Groves not included in Nett Area sown	6192.80	5906.06	5719.92	5469.95	4539.01
7.	Current Fallows	16664.15	21040.47	9442.92	7663.30	6630.22
8.	Other Fallow Land	165697.40	171364.29	178046.88	175518.85	169699.38
9.	Nett Area Sown	123921.16	114172.34	119273.43	123830.91	131614.18
10.	Geographical Area according to village Records	424323	424323	424323	424323	424323
11.	Total Cropped Area	127961.81	117768.95	121311.89	127622.36	139061.59
12.	Area sown more than once	4040.65	3596.60	2038.46	3791.45	7447.41

Source: G Return 2015 - 16

**** - Break up of Landput on Non-Agriculture uses**

Sl.No.	Item	2011-2012	2012-13	2013-14	2014-15	2015-16
i.	Buildings	10623	10631	10631	10633	10634
ii.	Roads	4144	4145	4145	4145	4145

iii.	Railways	828	828	828	828	828
iv.	Rivers	4007	4007	4007	4007	4007
v.	Canals	3429	3429	3429	3429	3429
vi.	Tanks and Water ponds	25850	25850	25850	25850	25850
vii.	Water logged areas	202	202	202	202	202
viii.	Social Forest	235	235	235	235	235
ix	Others	21191	21183	21183	21181	21181
	Total	70510	70510	70510	70510	70511

Source: G Return 2015 - 16

TABLE NO.3.3**AREA AND PRODUCTION OF CROPS**

Sl. No.	Crop	2012-2013		2013-2014		2014-2015	
		Area (Hec.)	Production(in 1000 Ton.)	Area (Hec.)	Production(in 1000 Ton.)	Area (Hec.)	Production(in 1000 Ton.)
1.	Paddy	22973.450	91.779	16470.390	29.004	10609.445	81.140
2.	Cholam	10735.130	12.582	14797.595	14.117	16445.545	63.315
3.	Cumbu	2781.740	7.138	3932.765	4.385	3860.175	16.699
4.	Ragi	170.025	0.489	90.860	0.238	148.560	0.614
5	Varagu	9.790	0.020	33.585	0.045	8.100	0.017
6	Samai	0.270	0.000	0.000	0.000	2.500	0.004
7	Maize	23483.335	154.567	25556.290	56.914	18139.240	148.724
8	Other Cereals	1460.625	0.822	11522.33	6.464	1674.250	0.902
9	Redgram	306.560	0.267	741.427	0.584	1258.050	0.882
10	Bengalgram	17.735	0.011	17.330	0.008	35.410	0.020
11	Greengram	4842.380	3.700	4701.425	0.757	6133.910	4.594
12	Blackgram	2870.990	1.717	2820.765	0.891	3130.310	2.689
13	Horsegram	97.585	0.053	44.975	0.018	27.340	0.020
14	Other pulses	482.760	0.183	378.388	0.143	676.745	0.396
15	Groundnut	4520.360	7.554	5211.135	5.779	5838.085	9.329
16	Gingelly	1021.380	0.342	1459.175	0.300	1504.210	1.952
17	Sunflower	842.480	1.126	809.035	0.181	685.075	0.931
18	Cotton	8208.495	3.374	9722.820	2.392	13257.885	5.171
19	Sugarcane	3319.095	378.376	2917.615	262.585	2349.360	230.237
20	Topioca	14.995	0.565	4.315	0.148	7.700	0.250
21	Banana	991.825	43.338	865.925	31.934	758.610	30.879

22	Coriander	1538.050	1.110	1172.555	0.222	1982.505	1.094
23	Chillies	1786.650	1.805	1415.785	1.184	1277.115	1.087
24	Onion	948.645	6.764	1043.990	8.535	1242.210	4.146
25	Cardamom	324.830	0.028	324.830	0.028	324.850	0.028

Source: G Return 2012 -13 To 2014-15

Production arrived on the basis of Season and Crop Report of TamilNadu 2012 - 13 To 2014-15
(Fasli year – 1422 To 1424 - Average Yield Rate per Hec.)

3.4 AGRICULTURAL MACHINERY AND IMPLEMENTS

Sl.No.	Item	1992	1997	2004
I	Ploughs			
a.	Wooden	23927	12913	6003
b.	Iron	3190	3369	2002
c.	Total	27117	16342	8005
II	Water Pumps for Irrigation Purpose			
a.	Worked by Oil Engine	2483	3384	2115
b.	Worked by electric Power	9130	23380	11543
c.	Total	11613	26264	13658
III	Tractors			
a.	Government	21	30	30
b.	Private	995	1251	1807
c.	Total	1016	1281	1837
IV	Sugarcane Crushers			
a.	Worked by Power }			
b.	Worked by Bullocks }	NIL	11	211
c.	Total			
V	Oil Ghanis			
a.	5 kg. & above	--	--	--
b.	Less than 5 kg.	11	--	17
c.	Total	11	--	17

Source: Based on 15th, 16th and 17th Quinquennial Livestock Census.

3.5 NUMBER AND AREA OF OPERATIONAL LAND HOLDINGS

Size class of Holdings (Hectare)	Number					Area				
	S.C.	S T	OTHERS	INS TI	TOTAL	S.C.	ST	OTHERS	INSTI	TOTAL
BELOW 0.5	16290	-	83071	146	99507	3746.31	--	23269.08	32.92	27048.31
0.5 – 1.0	6015	-	41534	89	47638	4263.95	--	30165.35	64.72	34494.02
1.0- 2.0	3701	-	28468	80	32249	5116.36	--	40461.59	114.06	45692.01
2.0 – 3.0	963	-	9031	52	10046	2310.66	--	21960.59	129.35	24400.60
3.0 – 4.0	356	-	3581	32	3969	1216.02	--	12336.31	110.95	13663.28
4.0 – 5.0	119	-	1818	24	1961	530.25	--	8101.27	106.86	8738.38
5.0 – 7.5	105	-	1681	22	1808	625.03	--	10135.65	132.21	10892.89
7.5 – 10.0	31	-	601	11	643	272.87	--	5120.86	93.51	5487.24
10.0 – 20.0	9	-	433	49	491	104.78	--	5853.52	683.49	6641.79
20.0 – above	0	-	86	53	139	-	--	2484.16	4672.36	7156.52
TOTAL (All sizes)	27589	-	170304	558	198451	18186.23	--	159888.38	6140.43	184215.04

Source: 9th Agriculture Census 2010-11

3.6 CONSUMPTION OF CHEMICAL FERTILISERS AND PESTICIDES

2015-16 (IN M.T)

Fertilisers (in '000' Tonne)				Pesticides		Urea ('000' tonnes)
Nitrogeous (N)	Phosphatic (p2 05)	Pottassic (k2 O)	Total (NPK)	Dust (Kgs)	Liquid (Lit)	
8941	4659	3397	16998	6261	9614	12793

Source: Joint Director of Agriculture, Virudhunagar.

3.7 REGULATED MARKETS

2015-16

Name of Regulated Markets	Sub. Regulated Markets	Main Commodities transacted	Quantity arrivals (in M.T) (Product wise)	Receipts(Rs. In lakhs)(Product wise)
1.Virudhunagar	--		3229	37.45
2.Rajapalayam	--		16238	79.08
3.Sattur	--	cotton } Chillies } Paddy } Cumbu } Cholam }	9836	15.73
4.Aruppukottai	--	Ragi } Onion, } Maize }	3544	57.42
5.Vembakottai	--	Gingelly } Blackgram } Groundnut }	69	0.96
6.Watrap	--	Cangur } Jasmine } Neemseed } Sunflower }	28689	31.56
7.Srivilliputhur	--		27	20.90
Total			61632	243.1

Source: Secretary, Ramanathapuram Regulated Market Committee, Virudhunagar.

3.8 NATIONAL AGRICULTURAL INSURANCE SCHEME FOR THE FASLI YEAR 1425

No. of Experi-ments	Premium collected (in Lakhs)	No. of Beneficiaries	Amount sanctioned (in Lakhs)
3680	74.44	32229	229.80

Source: JR Co-operative , Virudhunagar

3.9 SERICULTURE

2015-16

Name of the Sub - Range	Area under Mulbery (Acres)	Production of Cocoons (Kgs)	Value in Rupees
1. Sriviliputhur	128.00	28160	9771520
2. Rajapalayam	63.00	10710	3766370
3. Watrap	38.00	6840	2373480
4. Sivakasi	77.50	13085	4540895
5. Sathoor	38.50	6930	2414710
6. Virudhunagar	29.00	5220	1822340
7. Kariapatti	40.00	7200	2499400
8. Vembakottai	39.00	7020	2445940
9. Aruppukottai	5.00	900	316965
Total	458.00	86065	29950620

Source: Asst. Director of Sericulture, Tenkasi, Thirunelveli District.