

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	2005-06	2006-07	2007-08	2008-09	2009-10
1.	Forest	26466	26466	26466	26466	26466
2.	Barren and Uncultivable land	4525	4525	4525	4525	4525
3.	Land Put to Non-agricultural uses	**70286	**70380	**70510	**70510.3	**70510.3
4.	Cultivable Waste	9663	9663	9571.5	9683.52	9543.42
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	6568	6746	6634.8	6579.97	6459.72
7.	Current Fallows	3063	11206.27	15241.99	10263.66	19526.05
8.	Other Fallow Land	160066	157274	160618.0	162163.0	167393.88
9.	Nett Area Sown	142882	137258.7	129951.3	133327.5	119094.61
10.	Geographical Area according to village Records	424323	424323	424323	424323	424323
11.	Total Cropped Area	148843	142082	134884.8	139985.72	122300.04
12.	Area sown more than once	5961	4823.39	4933.5	6658.22	3205.43

** - Break up of Landput to Non-Agri. use

Source: G Return 2009 - 2010

Sl.No.	Item	2005-06	2006-07	2007-08	2008-09	2009-10
i.	Buildings	10511	10562	10592	10609	10613
ii.	Roads	4062	4105	4143	4143	4144
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	21162	21162	21223	21207	21202
	Total	70286	70380	70510	70510	70510

TABLE NO. 3.3

AREA AND PRODUCTION OF CROPS

Sl. No.	Crop	2007-2008		2008-2009		2009-2010	
		Area (Hec.)	Production (in 1000 Ton.)	Area (Hec.)	Production (in 1000 Ton.)	Area (Hec.)	Production (in 1000 Ton.)
1.	Paddy	28440.670	138.819	32496.650	107.239	26616.925	85.653
2.	Cholam	9278.398	8.722	11077.350	9.360	9427.435	14.226
3.	Cumbu	3951.710	14.981	3129.995	6.013	3258.350	5.741
4.	Ragi	197.160	0.269	199.750	0.318	135.070	0.295
5.	Korra	5.260	0.002	0.000	0.000	0.000	0.000
6.	Varagu	11.450	0.032	15.940	0.023	15.920	0.022
7.	Samai	0.000	0.000	0.000	0.000	0.000	0.000
8.	Maize	13254.610	71.628	16465.835	86.544	13868.335	64.710
9.	Other Cereals	1825.215	0.944	990.545	0.512	776.030	0.401
10.	Redgram	318.310	0.233	398.875	0.280	353.165	0.091
11.	Bengalgram	158.660	0.079	167.350	0.040	133.735	0.067
12.	Greengram	10418.720	9.887	8026.650	4.519	7147.675	3.702
13.	Blackgram	6797.937	6.478	4237.885	1.102	3543.120	1.392
14.	Horsegram	89.365	0.052	63.510	0.028	15.310	0.007
15.	Other pulses	825.530	0.145	924.585	0.161	786.015	0.137
16.	Groundnut	7692.080	12.100	8795.450	10.405	6832.985	8.821
17.	Gingelly	1852.420	0.747	2527.410	0.900	2520.765	0.411
18.	Sunflower	1086.815	1.511	1522.100	1.087	1105.015	0.452
19.	Cotton	8896.795	2.874	8705.255	2.324	7875.000	1.851
20.	Sugarcane	4438.110	479.316	3902.195	386.317	3193.040	335.269
21.	Topioca	19.725	0.796	38.435	1.622	9.075	0.331
22.	Indigo	0.000	0.000	0.000	0.000	0.000	0.000
23.	Banana	962.790	51.590	862.740	41.188	836.580	37.188
24.	Coriander	3575.900	1.520	3288.600	2.038	4431.910	2.615
25.	Chillies	3757.350	3.453	3104.105	1.782	2962.845	2.862
26.	Onion	1276.680	3.353	1295.065	6.913	1183.410	7.833
27.	Cardamom	278.690	0.024	278.590	0.024	278.590	0.024

Source: G Return 2009 – 2010

Production arrived on the basis of Season and Crop Report of TamilNadu 2008 - 2009
Fasli year - 1418 - Average Yield Rate per Hec.

3.4 AGRICULTURAL IMPLEMENTS AND MACHINERY

Sl.No.	Item	1992	1997	2004
1.	Ploughs			
a.	Wooden	23927	12913	6003
b.	Iron	3190	3369	2002
c.	Total	27117	16342	8005
2.	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
3.	Tractors			
a.	Government	21	30	30
b.	Private	995	1251	1807
c.	Total	1016	1281	1837
4.	Sugarcane Crushers			
a.	Worked by Power			
b.	Worked by Bullocks	NIL	11	211
c.	Total			
5.	Oil Ghanis			
a.	Less than 5 kg.	11	--	17

3.5 NUMBER AND AREA OF OPERATIONAL LAND HOLDINGS

Size class of Holdings (Hectare)	Number					Area				
	S.C.	S.T	OTHERS	INST	TOTAL	S.C.	S.T	OTHERS	INST	TOTAL
BELOW 0.5	15000	--	83782	130	98912	3538	--	21295	34	24867
0.5 – 1.0	5949	--	44187	83	50219	4233	--	31385	61	35679
1.0- 2.0	3899	--	32675	80	36654	5437	--	45097	112	50646
2.0 – 3.0	1068	--	10756	47	11871	2580	--	25860	117	28557
3.0 – 4.0	341	--	4523	30	4894	1165	--	15472	103	16740
4.0 – 5.0	141	--	2299	30	2470	627	--	10194	131	10952
5.0 – 7.5	110	--	2171	30	2311	651	--	12949	183	13783
7.5 – 10.0	27	--	688	17	732	225	--	5791	142	6158
10.0 – 20.0	14	--	512	45	571	165	--	6689	653	7507
20.0 – above	1	--	71	39	111	24	--	2594	1866	4484
TOTAL (All sizes)	26550	--	181664	531	208745	18645	--	177326	3402	199373

Source: Agriculture Census 2005-2006

3.6 CONSUMPTION OF CHEMICAL FERTILISERS AND PESTICIDES

2009-2010

(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)	
8481	4703	3379	16563	7968	7410	12770.60

Source: Joint Director of Agriculture, Virudhunagar.

3.7 REGULATED MARKETS

2009-2010

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	--	cotton }	5131	10.45
2.Rajapalayam	--	Chillies }	8021	33.46
3.Sattur	--	Paddy }	1942	5.66
4.Aruppukottai	--	Cumbu }	3050	32.09
5.Vembakottai	--	Cholam }	42	0.0
6.Watrap	--	Ragi }	2485	8.19
7.Srivilliputhur	--	Onion, }	2360	15.62
Total		Maize }	23031	105.47

Source: Secretary, Ramanathapuram Regulated Market Committee, Virudhunagar.

3.8 NATIONAL AGRICULTURAL INSURANCE SCHEME FOR THE FASLI YEAR 1419

	Name of the Crop	Name of the Blocks notified	No. of Experiments	Premium collected	No. of Beneficiaries	Amount sanctioned
1.	Groundnut (Ui)	Kariapatti	40			
		Virudhunagar	10			
		Aruppukottai	10			
		Thiruchulli	20			
		Narikudi	18			
2.	Gingelly (UI)	Kariapatti	18			
		Narikudi	18			
3.	Paddy(Samba)	1. Watrap	10			
		2. Rajapalayam	50			
		3. Kariapatti	40			
		4. Thiruchuli	30			
		5.Narikudi	30			
		6.Sattur	30			
		7.Sivakasi	20			
		8.Virudhunagar	40			
4.	Chillies	1.Sivakasi	18			
		2.Aruppukottai	18			
		3.Srivilliputhur	18			
		4.Kariapatti	18			
		5.Virudhunagar	18			
		6.Thiruchuli	18			
		7.Narikudi	18			
5.	Cotton Irrigated	1. Srivilliputhur	40			
		2. Watrap	30			
		3. Rajapalayam	40			
		4. Sivakasi	10			
		5. Virudhunagar	40			
		6. Sattur	10			
		7. Vembakottai	20			
		8.Narikudi	10			
6.	Cotton (UI)	1.Sivakasi	20			
		2.Sattur	30			
		3.Vembakottai	20			
		4.Kariapatti	20			
		5.Narikuudi	10			
		6Thiruchulli	20			
		7.Aruppukottai	30			
		8.Virudhunagar	10			
7	Maize (UI)	1. Srivilliputhur	20			
		2. Rajapalayam	20			
		3.watrab	10			
		4.Thiruchulli	10			
		5. Vembakkottai	30			
		6. Sivakasi	40			
		7. Virudhunagar	20			
		8. Aruppukottai	30			
8.	Maize (I)	1. Srivilliputtur	22			
		2. Rajapalayam	30			
		3. Sattur	20			
		4. Vembakottai	30			
		5. Sivakasi	20			
		6.Watrap	10			
9.	Groundnut (I)	1.Kariapati	20			
10	Greengram	1. Watrap	18			
11	Onion	1. Srivilliputhur	10			
		2. Sivakasi	10			
		3. Karipatti	10			
		4.Watrap	10			

12	Banana	1. Srivilliputhur	10	
		2. Watrap	10	
		3. Vembakottai	10	
		4. Sivakasi	20	
		5. Virudhunagar	10	
13	Cumbu	1. Rajapalayam	18	
14	Blockgram	2. Rajapalayam	18	
15	Sugarcane	3. Srivilliputhur	30	
		4. Watrap	30	
		5. Rajapalayam	50	
		6. Sivakasi	10	
		7. Kariapatti	10	
		8. Thiruchuli	10	
16	Sunflower	1. Srivilliputhur	18	
		2. Rajapalayam	18	
		3. Sattur	18	
		4. Vembakottai	36	
		5. Thiruchuli	18	

Source: Directorate of Economics and Statistics, Chennai.6

3.9 SERICULTURE

2009-2010

Name of the Sub - Range	Area under Mulberry (Acres)	Production of Cocoons (Tons)	Value in Rupees (lakhs)
1. Srivilliputhur	98.80	27.30	49.17
2. Rajapalayam	58.20	11.10	20.00
3. Watrap	19.00	4.00	7.10
4. Sivakasi	4.50	0.80	1.37
5. Sattur	24.50	5.10	9.20
6. Virudhunagar	12.50	2.10	3.82
7. Kariapatti	30.50	10.20	18.35
8. Vembakottai	34.00	13.90	24.95
9. Aruppukottai	31.50	0.30	0.64
Total	313.50	74.80	134.60

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