

4. IRRIGATION

4.1 Sources of Irrigation – Taluk-wise year 2009-2010

Sl. No.	Name of the Taluk	Canals No.	Length (km.)	Wells used for irrigation purpose only	Tube Wells	Wells used for Domestic purpose only	Reservoirs	Tanks (Nos.)
1.	Rajapalayam	--	--	6327	--	1780	--	114
2.	Srivilliputhur	--	--	5242	--	3206	Kovilar Periyar	155
3.	Sivakasi	--	--	5002	--	1396	Vembakottai	57
4.	Sattur	--	--	3010	--	1255	Golvarpatti	49
5.	Virudhunagar	--	--	2342	--	1406	Anaikuttam	39
6.	Aruppukottai	--	--	1958	1	460	Kulloorsandai	103
7.	Kariapatti	--	--	1866	7	296		151
8.	Thiruchuli	--	--	1417	35	441		329
	Total	--	--	27164	43	10240	6	997

SOURCE "G" RETURN 2009 – 2010

4.2 Actual area irrigated by Source

(Area in Hectares) Year – 2009-2010

Source	Number	Area Irrigated	
		Net	Gross
I. Surface Water:			
i. Canals			
ii. Government Canals	--	--	--
iii. Private Canals			
2. Tanks			
i) Large	290	15598.00	16848.00
ii) Small	707	7614.00	7804.00
Total	997	23212.00	24652.00
3. Flow Irrigation			
i) Major & Medium	--	--	--
ii) Minor	--	--	--
4. Lift Irrigation			
i) Major & Medium	--	--	--
ii) Minor	--	--	--
5. Ponds			
i) Lift Irrigation	--	--	--
ii) Minor	--	--	--
6. Other Sources			
i) Lift Irrigation	--	--	--
ii) Flow Irrigation	--	--	--
II. Ground Water			
1. Public	--	--	--
2. Private Tube wells	--	--	--
3. Dug Wells			
i) With pump sets	21621	}	}
ii) Without Pumpsets	--	31111.10	32388.60
iii) Diesel Engine	4179	}	}
Total			
Total Irrigated Area		54323.26	57040.26

Source: 'G' Return 2009- 2010

4.3 Area Irrigated by Crops

Year: 2009-10

Sl.No.	Crop	Area(in Hect.)
1.	Cereals	
	1. Rice	25223.935
	2. Jowar	142.695
	3. Cumbu	77.205
	4. Maize	4582.895
	5. Ragi	57.290
	6. Small millets	--
	Total cereals	30084.020
II.	Pulses	
	7. Gram	--
	8. Tur(Blackgram)	145.875
	9. Red gram	--
	10.Green gram	133.150
	11. Other Pulses (Horsegram,Cowpea,mochai)	0.320
	Total Pulses	279.345
	Total Foodgrams	30363.365
III.	Oil seeds	
	12. Groundnut	1039.355
	13. Castor Seeds	15.680
	14. Sunflower	53.225
	15. Coconut	9467.810
	Others (Gingelly-118.455 Neem-0.00 Kattaamanaku-1.400 Niger seed 0.00)	119.855
	Total	10695.925
IV.	Fibres	
	16. Cotton	1404.080
V.	Other Crops	
	17. Sugarcane	3193.040
	18. Coriander	0.300
	19. Cardamam	0
	20. Banana	836.580
	21. All other crops	10546.965
	Total	14576.885
	Grand Total	57040.255

Source ; 'G' Return 2009-2010

4.4 Details of Dams, Tanks, Wells and Bore wells

YEAR: 2009-2010

Sl.No.	Name of the Taluk	Dams				
		Catchment area	Water Spread area	Height	Capacity	Length of Canals
1.	2.	3.	4.	5.	6.	7.
1.	Rajapalayam	--	--	--	--	-
2.	Srivilliputhur	Periyar	--	14.50	192	--
		Kovilar	--	13.00	133	--
3.	Sivakasi	Vembakottai	--	7.00	--	--
4.	Sattur	Kolvarpatti	--	5.50	--	--
5.	Virudhunagar	Anaikuttam	--	--	--	--
6.	Kariapatti	--	--	--	--	--
7.	Aruppukottai	Kulloorsandai	--	2.45	--	--
8.	Thiruchuli	--	--	--	--	--

I. No	Name of the Taluk	Tanks					No. of wells in use	No. of Bore wells	
		Catchment area	Water Spread area	Height	Capacity	Length of Canals		Domes-tic	Other wells
1.	2.	8.	9.	10.	11.	12.	13.	14.	15.
1.	Rajapalayam	6675	-	-	-	-	6327	65	1715
2.	Srivilliputhur	7612	-	-	-	-	5242	2734	472
3.	Sivakasi	3125	-	-	-	-	5002	391	1005
4.	Sattur	1330	-	-	-	-	3010	420	835
5.	Virudhunagar	1739	-	-	-	-	2342	882	524
6.	Kariapatti	5223	-	-	-	-	1866	45	251
7.	Aruppukottai	5090	-	-	-	-	1958	277	183
8.	Thiruchuli	8971	-	-	-	-	1417	260	181
	Total	39765	-	-	-	-	27164	5074	5166

Source: 'G' return 2009-2010