

4. IRRIGATION

4.1 SOURCES OF WATER SUPPLY - TALUKWISE

Year: 2016-17

Sl. No.	Name of the Taluk	Canals Numbers	Length (Km.)	Wells used for irrigation	Tube Wells	Wells used for Domestic	Reser voirs	Tanks (Nos.)
1	Thiruvallur	3	39	-	4224	6204	i	464
2	Uthukottai	1	18	-	4664	752	-	309
3	Thiruthani	2	51	-	3356	1890	-	179
4	Pallipattu	5	62	-	2366	887	-	341
5	Poonamallee	-	-	-	106	2311	-	117
6	Ponneri	2	19	-	4661	6882	-	255
7	Gummidipoondi	4	18	-	1439	3273	-	162
8	Ambattur	-	-	-	3	5864	-	-
9	Madhavaram	-	-	-	52	15758	-	6
10	Tiruvotriyur	-	-	-	68	8410	-	3
11	Maduravoyal	-	-	-	139	11841	-	15
12.	Avadi	-	-	-	527	6046	-	45
	Total	17	189	-	21605	70241	-	1896

4.2 ACTUAL AREA IRRIGATED BY SOURCE

Year: 2016-17

(Area in Hectares)

Source	Number	Area Irrigated Net	Area Irrigated Gross
I. Surface Water:			
1. Canals			
i) Government Canals	17	135.02	137.12
ii) Private Canals	-	-	-
2. Tanks			
i) Large/Small	1929	34694.14	19380.000
3. Flow Irrigation			
i) Major & Medium	--	--	--
ii) Minor	--	--	--
4. Lift Irrigation:			
i) Major & Medium	--	--	--
ii) Minor	--	--	--
5. Ponds			
i) Lift Irrigation	--	--	--
iii) Minor	--	--	--
6. Other Sources:			
i) Lift Irrigation	--	--	--
ii) Flow Irrigation	--	--	--
II Ground Water:			
1. Public	--	--	--
2. Private	--	--	--
1. Tube wells/Bore wells	21542	68468.921	105635.892
2. Dug Bore wells/Dug Open wells	2872	6792.973	9396.284

Source: 'G' Return Fasli 1426

4.3 AREA IRRIGATED BY CROPS

Year: 2016-17

Sl.No. (1)	Crop (2)	Area (in Hect.) (3)
1	Paddy(Kar) (high)	25784.139
2	Paddy(Kar) (local)	229.505
3	Paddy(Samba) (high)	50955.935
4	Paddy(Samba) (local)	317.000
5	Paddy(Navarai) (high)	19617.376
6	Paddy(Navarai) (local)	63.000
7	Cholam	7.670
8	Cumbu	927.822
9	Ragi	249.610
10	Maize(Corn)	9.455
11	Red gram	206.665
12	Green gram	10593.657
13	Black gram	1895.706
14	Horse gram	2.405
15	Chillies	444.58
16	Other Spices	460.568
17	Sugarcane	5383.55
18	Gingelly	650.219
19	Groundnut	6540.563
20	Coconut	724.261
21	Soya	17.759
22.	Vegetables	2075.419
23.	Fruits	128.060

Source: G Return - Fasli 1426

4.4 DETAILS OF DAMS, TANKS, WELLS AND BORE WELLS

Year: 2016-17

Sl.No.	Name of the Block	Dams					Tanks				No. of Wells in use	No. of Bore wells
		Catchment area	Water spread area (Sq.K m)	Height (M)	Capacity (mcft)	Length of canals	Water spread area (No)	Capacity mm ³	Height	Length of canals		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Tiruvallur						31	19			2272	217
2	Kadambathur						59	25			1331	338
3	Poondi	1968	34.98	43.89	3231	-	24	10	-	-	2594	153
4	Ellapuram						19	7			4220	8
5	Poonamallee						21	12			920	726
6	Thiruthani						25	14			4174	80
7	Thiruvangadu						50	21			3728	658
8	Pallipet						24	7			1974	-
9	R.K.Pet						27	13			3327	459
10	Gummidipoondi						2	-			2703	118
11	Minjur						3	1			2891	14
12	Sholavaram						15	8			1950	49
13	Puzhal						9	3			136	10
14	Villivakkam						35	39			746	79

Source: Public Works Department(Irrigation), Tiruvallur