

## 4. IRRIGATION

### 4.1 SOURCES OF WATER SUPPLY -TALUKWISE

Year: 2015-16

Sl. No.	Name of the Taluk	Canals	Length (Km.)	Wells used for irrigation purpose only	Tube Wells	Wells used for Domestic Purpose only	Reservoirs	Tanks (Nos.)
		Numbers						
1	Thiruvallur	3	39	-	4198	6204	1	465
2	Uthukottai	1	18	-	4616	752	-	309
3	Thiruthani	2	51	-	3326	1890	-	178
4	Pallipattu	5	62	-	2366	887	-	341
5	Poonamallee	-	-	-	106	2311	-	117
6	Ponneri	2	19	-	4660	6882	-	255
7	Gummidipoondi	4	18	-	1939	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
	<b>Total</b>	<b>17</b>	<b>189</b>	<b>-</b>	<b>21702</b>	<b>70118</b>	<b>-</b>	<b>1886</b>

Source: Department of Economics and Statistics, Chennai-6.

## 4.2 ACTUAL AREA IRRIGATED BY SOURCE

Year: 2015-16

(Area in Hectares)

Source	Number	Area Irrigated Net	Area Irrigated Gross
<b>I. Surface Water:</b>			
<b>1. Canals</b>			
i) Government Canals	17	135.02	137.12
ii) Private Canals	-	-	-
<b>2. Tanks</b>			
i) Large/Small	1929	34694.14	19380.000
<b>3. Flow Irrigation</b>			
i) Major & Medium	--	--	--
ii) Minor	--	--	--
<b>4. Lift Irrigation:</b>			
i) Major & Medium	--	--	--
ii) Minor	--	--	--
<b>5. Ponds</b>			
i) Lift Irrigation	--	--	--
iii) Minor	--	--	--
<b>6. Other Sources:</b>			
i) Lift Irrigation	--	--	--
ii) Flow Irrigation	--	--	--
<b>II Ground Water:</b>			
1. Public	--	--	--
2. Private	--	--	--
1. Tube wells/Bore wells	21542	108679.70	7110.94
2. Dug Bore wells/Dug Open wells	2872	118898.71	78956.20

Source: 'G' Return Fasli 1425

### 4.3 AREA IRRIGATED BY CROPS

Year: 2015-16

Sl.No. (1)	Crop (2)	Area (in Hect.) (3)
1	Paddy(Kar) (high)	24737.466
2	Paddy(Kar) (local)	774.505
3	Paddy(Samba) (high)	49610.795
4	Paddy(Samba) (local)	1080.625
5	Paddy(Navarai) (high)	24689.727
6	Paddy(Navarai) (local)	502.175
7	Cholam	12.750
8	Cumbu	1089.071
9	Ragi	711.820
10	Maize(Corn)	10.955
11	Red gram	622.800
12	Bengal gram	6.000
13	Green gram	7948.660
14	Black gram	1530.398
15	Horse gram	14.880
16	Karamani	7.980
17	Chillies	440.560
18	Other Spices	6114.583
19	Sugarcane	6114.583
20	Gingelly	804.020
21	Groundnut	7137.758
22	Coconut	804.210
23	Sun flower	1.860
24	Soya	23.100
25.	Vegetables	2155.191
26.	Fruits	12306.755

Source: G Return - Fasli 1425

#### 4.4 DETAILS OF DAMS, TANKS, WELLS AND BORE WELLS

Year: 2015-16

Sl.No.	Name of the Block	Dams					Tanks				No. of Wells in use	No. of Bore wells
		Catchment area	Water spread area (Sq.Km)	Height (M)	Capacity (mcft)	Length of canals	Water spread area (No)	Capacity mm <sup>3</sup>	Height	Length of canals		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Tiruvallur						31	19			3765	233
2	Kadambathur						59	25			2122	356
3	Poondi	1968	34.98	43.89	3231	-	24	10	-	-	549	153
4	Ellapuram						19	7			549	8
5	Poonamallee						21	12			2887	723
6	Thiruthani						25	14			788	80
7	Thiruvangadu						50	21			1052	620
8	Pallipet						24	7			509	-
9	R.K.Pet						27	13			378	459
10	Gummidipoondi						2	-			3273	118
11	Minjur						3	1			3555	14
12	Sholavaram						15	8			3328	49
13	Puzhal						9	3			24168	10
14	Villivakkam						35	39			23255	79

Source: Public Works Department(Irrigation), Tiruvallur