

4. IRRIGATION

4.1 Sources of Water Supply –Block wise

Year: 2014-15

Sl. No.	Name of the Block	Canals	Length (Km.)	Wells used for irrigation purpose only	Tube Wells	Wells used for Domestic Purpose only	Reservoirs	Tanks (Nos.)
		Numbers						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Karur	7	101	5186	134	1683	-	-
2	Thanthoni	5	45	5024	329	1397	-	9
3	Aravakurichi	1	1	5548	-	936	-	2
4	K. Paramathi	2	28	8373	70	362	-	-
5	Kulithalai	4	20	2509	517	1020	-	52
6	Thogamalai	1	7	5470	291	487	-	79
7	Krishnaraya puram	3	24	6207	681	995	-	13
8	Kadavur	-	-	7851	517	989	-	111
	Total	23	226	46168	2539	7869	-	266

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

4.2 Actual area irrigated by source

(Area in Hectares)

Year: 2014-15

Source (1)	Number (2)	Area Irrigated	
		Gross (3)	Net (4)
I. Surface Water:			
1. Canals			
i) Government Canals	23	13771	12593
ii) Private Canals	-		
2. Tanks		10	10
i) Large	18		
ii) Small	248		
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 Tube Wells	3221	10783	9970
3. Dug Well	42867	29907	27016
4. Electric Pump Sets	44087		
5. Diesel Pump Sets	1658		

Source: 'G' Return. (Fasli-1423)

4.3 Area Irrigated by crops

Sl.No. (1)	Crop (2)	Area (in Hect.)		
		2012-13	2013-14	2014-15
1	Paddy	10907	12565	13444
2.	Cholam	1116	4773	5481
3.	Cumbu	55	129	143
4.	Ragi	9	-	102
5.	Maize	1059	923	2290
6.	Green Gram	10	308	233
7.	Red Gram	35	291	167
8.	Black Gram	408	3074	2386
9.	Thattai	6	-	-
10	Chillies	365	295	365
11	Turmeric	257	267	291
12	Sugarcane - planted	3564	1955	1473
13	Sugarcane – Ratoon	3012	1417	1045
14	Onion	161	302	441
15	Gingely	235	573	1395
16	Groundnut	2556	1706	3660
17	Coconut	6312	6641	6557
18	Sunflower	2469	969	2613
19	Cotton	55	88	141
20	Others	13296	11667	12244
	Total Irrig. crops	45887	47943	54471

Source: 'G' Return. (Fasli-1422 , 1423,1424)

4.4 Details of Dams, Tanks, Wells and Bore Wells

Year: 2014-15

Sl. No.	Name of the Block	Dams					Tanks				No. of Wells in use	No. of Bore wells
		Catchment area	Water spread area	Height	Capacity	Length of canals	Water spread area	Capacity	Height	Length of canals (K.M)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.	Karur	-	-	-	-	-	-	-	-	101	5186	-
2.	Thanthoni	-	-	-	-	-	-	-	-	45	5024	10
3.	Arava kurichi	-	-	-	-	-	-	-	-	1	5548	247
4.	Paramathi	-	-	-	-	-	-	-	-	28	8373	121
5.	Kulithalai	-	-	-	-	-	-	-	-	20	2509	-
6.	Thoga malai	-	-	-	-	-	-	-	-	7	5470	-
7.	Kadavur	-	-	-	-	-	-	-	-	-	6207	10
8.	K.R. Puram	-	-	-	-	-	-	-	-	24	7851	19
	Total	-	-	-	-	-	-	-	-	226	46168	407

Source: PWD Office & G Return 2014-15.