

#### **4. IRRIGATION**

##### **4.1 Sources of Water Supply –Block wise (S&C- 2005-2006)**

Year: 2005-2006

Sl.No	Name of the Block	Canals	Length (Km.)	Wells used for irrigation purpose only	Tube Wells	Wells used for Domestic Purpose only	Tanks (Nos.)	Reservoirs
		Numbers						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Kancheepuram	11	134	5311	426	901	104	NIL
2.	Walajabad			3441	99	1135	154	
3	Uthiramerur	5	18	11331	23	4191	257	
4	Sriperumpudur			1814	150	1585	188	
5	Kundrathur			1585	158	792	102	
6	Kattankolathur			4033	40	5610	169	
7	Tiruporur			4853	27	2150	153	
8	T.kndram			6305	186	2231	137	
9	St.Thomas mt.			878	–	24391	131	
10	Madranthagam	3	20	4189	344	1001	202	
11	Acharapakkam			4094	157	1564	183	
12	Lathur	1	1	3984	507	1312	78	
13	Chithamoor			4560	311	1566	84	
	District	20	184	56378	2428	48429	1942	NIL

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

**4.2 Actual area irrigated by source**  
(Area in Hectares) Year: 2005-2006

Source (1)	Number (2)	Area Irrigated	
		Net (3)	Gross (4)
<u>I.Surface Water:</u>			
1. Canals i) Government Canals ii) Private Canals	20(184 Kms)	550	577
2. Tub wells/Tanks i) Large ii) small	709 1942 1233	60732	74156
3. Lift Irrigationn: I) Major & Medium ii) Minor		----	----
4 Tube Wells\ i) Lift Irrigation ii) Minor Irrigation		--	--
5. Other Sources i) Lift Irrigation ii) Flow Irrigation			
<u>II Ground Water:</u>			
1. Public	9	12122	15674
2. Private Tube Wells	12898		
3. Dug Wells	80646	43039	58461
i) With Pump sets			
ii) Without Pumpsets	80646	4257	4437

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

**4.3 Area irrigated by crops**  
**(Minor Irrigation Census)**

Year: 2005-2006

Sl.No. (1)	Crop (2)	Area (in '000' Hect.) (3)
1	Paddy(sornavari)	19374
2	Paddy(samba)	63660
3	Paddy (Navarai)	27567
4	Cumbu	12
5	Cholam	1
6	Ragi	493
7	Green gram	219
8	Black gram	2714
9	Other pulses	467
10	Chilies	383
11	Turmeric	5
12	Other Spices	52
13	Sugarcane	5902
14	Fruits and Vegetables	5453
15	Gingely	2078
16	Groundnut	19207
17	Coconut	2078
18	Sunflower	42
19	Soya	-
20	Cotton	114
21	Animal food crops	2
22	Other Non food-crops	3482
	<b>Total</b>	<b>153305</b>

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

**4.4 Details of Dams, Tanks, Wells and Bore Wells**

Year: 2005-2006

Sl. No.	Name of the District	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		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Kancheepuram	Nil					1001.53 SQ.Km	583.76 Mm3	*	592.04 Km	56378	2428

\* Varies from Tank to Tank

Source: PWD, Kancheepuram.