

4. IRRIGATION

4.1. Sources of Water Supply-Talukwise VG

YEAR: 2009-2010

| Sl. No. | Name of the Taluk | Canals | Length (Km.) | Wells used for irrigation purpose only | Wells used for Domestic purpose only | Reservoirs | Tanks (Nos.) |
|----------------|--------------------------|----------------|---------------------|---|---|-------------------|---------------------|
| | | Numbers | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| 1 | Namakkal | - | - | 29053 | 1752 | -- | 85 |
| 2 | Rasipuram | - | - | 17334 | 1229 | -- | 40 |
| 3 | Tiruchengode | 1 | 25 | 16681 | 4659 | -- | 54 |
| 4 | Paramathi-Velur | 2 | 50 | 14409 | 254 | -- | 80 |
| | Total | 3 | 75 | 72457 | 3235 | -- | 259 |

Source: Minor Irrigation Census

4.2 ACTUAL AREA IRRIGATED BY SOURCE

(Area in Hectares)

Year: 2009-2010

| Source (1) | Number (2) | Area irrigated | |
|--------------------------|---------------|----------------|--------------|
| | | Net (3) | Gross (4) |
| 1. Surface Water: | | | |
| 1. Canals | | | |
| (i) Government Canals | 3 | 5667 | 4854 |
| (ii) Private canals | - | - | - |
| 2. Tanks | | | |
| (i) Large | 67 | - | - |
| (ii) Small | 192 | 187 | 113 |
| 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 | -- | 4842 | 4407 |
| 11. Ground water: | | | |
| 1. Public | - | - | - |
| 2. Private Tube wells | 5374 | 7983 | 6877 |
| 3. Dug wells | - | - | - |
| 4. I) with Pump sets | 72103 | 66114 | 54766 |
| II) Without Pumpsets | - | - | - |
| TOTAL | 77739 | 84793 | 71017 |

Source : 'G' Return

**4.3 AREA IRRIGATED BY CROPS
(Minor Irrigation Census)**

YEAR : 2009-2010

| Sl. No. | Crop | Area (in '000' Heat.) |
|----------------|-------------|------------------------------|
| 1. | Paddy | 10688 |
| 2. | Cholam | 9754 |
| 3. | Cumbu | 266 |
| 4. | Groundnut | 29550 |
| 5. | Sugarcane | 19110 |
| 6. | Cotton | 2817 |
| 7. | Pulses | 4713 |
| 8. | Others | 5815 |
| Total | | 82713 |

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

4.4 Details of Dams, Tanks, Wells and Bore Wells

YEAR : 2009-2010

| Sl. No. | Name of the Block | Dams | | | | | Tanks | | | | | No. of Wells in Use | No. of Bore Wells |
|----------------|--------------------------|-----------------------|---------------------|---------------|-----------------|-------------------------|---------------------|-----------------|---------------|-------------------------|-----------|----------------------------|--------------------------|
| | | Catchment area | Water spread | Height | Capacity | Length of canals | Water Spread | Capacity | Height | Length of Canals | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
| | | N.A | | | | | N.A | | | | | 72457 | 5374 |