

DATABASES DEVELOPED

LAND USE PATTERN

| S.No. | Particulars | Area in ha. |
|-------|--|-------------|
| 1 | Total Geographical Area | 13,07,600 |
| 2 | Forests | 2,62,787 |
| 3 | Barren & uncultivable land | 1,38,159 |
| 4 | Land under still water | 90,120 |
| 5 | Cultivable waste | 1,00,857 |
| 6 | Permanent pastures and other grazing lands | 71,858 |
| 7 | Land under miscellaneous Tree crops and groves not included in net area sown | 18,635 |
| 8 | Other fallow lands | 44,386 |
| 9 | Current fallows | 40,586 |
| 10 | Net area sown | 3,67,339 |
| 11 | Total Cropped Area | 4,58,556 |
| 12 | Area sown more than once | 91,217 |
| 13 | Fish and Prawn culture | 6,956 |

SOILS :

Red loams : 41%, Coastal Sands : 34%, Clay Loams :15%,Laterites :5% and Deltaic Alluviums : 5%.

Cultivated lands are generally low in nitrogen, medium to low in phosphorus, medium to high in Potash. Zinc, boron, magnesium deficiencies are also noticed in patches.

RAINFALL: (2010-2011) source: CPO office

| Month | Normal mm. | Actual mm. |
|-----------------------|---------------|---------------|
| June | 56.8 | 108.2 |
| July | 86.3 | 112.9 |
| August | 86.1 | 209.4 |
| September | 102.1 | 91.1 |
| SW | 331.4 | 521.6 |
| October | 239.0 | 291.6 |
| November | 313.4 | 332.8 |
| December | 109.0 | 137.7 |
| NE | 661.4 | 762.0 |
| January | 14.2 | 10.4 |
| February | 5.7 | 29.8 |
| Winter period | 19.9 | 40.2 |
| March | 4.0 | 0 |
| April | 10.1 | 35.3 |
| May | 53.7 | 9.4 |
| Hot weather period | 67.8 | 44.7 |
| Total | 1080.5 | 1368.6 |

FARMING SITUATIONS : 7

(based on soil type, rainfall and irrigation source)

1. Irrigated wet lands – supplemented with bore wells, filter points and canals under sandy clay loams and deltaic alluvials, coastal sands
2. Irrigated wet lands Under Tanks - Red loams, Sandy clay loams, coastal sands
3. Irrigated uplands under wells and bore wells – Red loams, sandy clay loams
4. Rainfed red soils
5. Rainfed black soils
6. Assured irrigation
7. Forage crops

Area, Production and yield of different crops:

| crop | Area in ha. | | | Production in tonnes | Yield in kgs/ha. |
|----------------|-------------|----------|--------|----------------------|------------------|
| | Kharif | Rabi | Total | | |
| paddy | 69,873 | 2,00,990 | 270863 | 8,67,163 | 3,201 |
| jowar | 0 | 16 | 16 | 62 | 3,875 |
| bajra | 1,550 | 57 | 1,607 | 3,684 | 2,377 |
| maize | 53 | 507 | 560 | 4,780 | 8,536 |
| ragi | 23 | 68 | 91 | 122 | 1,341 |
| horsegram | 0 | 17 | 17 | 7 | 412 |
| greengram | 1,913 | 4,279 | 6,192 | 2,397 | 387 |
| blackgram | 2,086 | 34,902 | 36,988 | 16,223 | 439 |
| redgram | 3,110 | 363 | 3,473 | 1,574 | 506 |
| bengalgram | 0 | 9,512 | 9,512 | 13,184 | 1386 |
| cowgram | 0 | 56 | 56 | 0 | 0 |
| chillies | 7 | 1,037 | 1,044 | 3,886 | 3,722 |
| turmeric | 153 | 0 | 153 | 0 | 0 |
| Tamarind | | | 35 | 167 | 4,771 |
| Amla | | | 47 | 0 | 0 |
| Jujubies(Regu) | | | 33 | 0 | 0 |
| papaya | | | 4 | 315 | 78,750 |
| Sapota | | | 455 | 10,535 | 23,154 |
| Musk melon | | | 12 | 0 | 0 |
| Water melon | | | 1,268 | 0 | 0 |
| Pomegranate | | | 13 | 37 | 2846 |
| Tapioca | | | 4 | 0 | 0 |
| colacasia | | | 437 | 0 | 0 |
| Sweet potatoes | | | 40 | 699 | 19,417 |
| Ridge gourd | | | 55 | 0 | 0 |
| Green chillies | | | 771 | 0 | 0 |

| | | | | | |
|------------------------|--------|--------|--------|--------|--------|
| Onions | 229 | 0 | 229 | 0 | 0 |
| Cucumber | | | 94 | 0 | 0 |
| Bendhi | | | 489 | 0 | 0 |
| Beans | | | 34 | 0 | 0 |
| Brinjal | | | 658 | 0 | 0 |
| Green leafy vegetables | | | 211 | 0 | 0 |
| Cauliflower | | | 2 | 0 | 0 |
| Tomatoes | | | 81 | 0 | 0 |
| Bottle gourd | | | 1 | 0 | 0 |
| Drum stick | | | 64 | 0 | 0 |
| Coccinia | | | 27 | 0 | 0 |
| groundnut | 5,840 | 4,437 | 10,277 | 11,061 | 2,493 |
| Sesamum | 11,031 | 453 | 11,484 | 4,670 | 407 |
| Sunflower | 817 | 1,887 | 2,704 | 2,460 | 910 |
| Palm oil | | | 687 | 0 | 0 |
| Tobacco | 0 | 10,863 | 10,863 | 0 | 0 |
| Betel leaves | | | 296 | 16,561 | 55,949 |
| Rose | | | 30 | 0 | 0 |
| Jasmine | | | 92 | 0 | 0 |
| Sampangi | | | 10 | 0 | 0 |
| Marigold | | | 23 | 0 | 0 |
| Crossandra | | | 6 | 0 | 0 |
| lilly | | | 12 | 0 | 0 |
| Sugarcane | 7,172 | 7,139 | 14,311 | 0 | 0 |
| Mango | | | 9,193 | 0 | 0 |
| Acidlime | | | 17,462 | 0 | 0 |
| Banana | | | 1,391 | 0 | 0 |
| Guava | | | 409 | 0 | 0 |
| Coconut | | | 788 | 0 | 0 |
| Cotton | 6,482 | 1,773 | 8,255 | 7,519 | 1,160 |

Irrigation :

Major, medium irrigation sources and area irrigated.(2010-11)

| Name of the project | Registered ayacut | Actual area irrigated | |
|---------------------|-------------------|-----------------------|---------------|
| | | Gross | Net |
| Pennar delta system | 99,958 | 1,77,350 | 77,391 |
| Kanupur canal | 7,634 | 13,355 | 13,355 |
| Gandipalem | 16,000 | 5,250 | 5,250 |
| Swarnamukhi barrage | 3,651 | 3,651 | 3,651 |
| Total | 1,27,243 | 1,99,606 | 99,647 |

Area irrigated under different sources:

| Sl.no. | Source of irrigation | Area irrigated in ha. |
|--------|-------------------------------|-----------------------|
| 1 | Canals | 1,53,169 |
| 2 | Tanks | 77,947 |
| 3 | Tube wells | 85,005 |
| 4 | Dug wells | 14,114 |
| 5 | Lift irrigation | 3,565 |
| 6 | Other sources | 3,461 |
| 7 | Gross area irrigated | 3,37,261 |
| 8 | Area irrigated more than once | 76,795 |
| 9 | Net area irrigated | 2,60,466 |