



Gramin Krishi Mausam Sewa (GKMS)

for the Thiruchirapalli District

Forecast Period: 13th JULY to 17th JULY, 2016

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Date: 12.07.16

Weather for the past four days (08.07.2016– 11.07.2016)

| Parameters | Past weather |
|--------------------------|--------------|
| Rainfall (mm) | 0.0 |
| Maximum temperature (°C) | 36 – 38 |
| Minimum temperature (°C) | 27 – 29 |
| Cloud cover (Octa) | 6 |
| Relative humidity (%) | 39 – 56 |
| Wind speed (km/ hr) | 26 – 27 |

Weather forecast for the next five days (until 08:30 hrs of 17.07.2016)

| Parameters | Ensemble FCST | | | | |
|--------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | Day 1 13.07.2016 | Day 2 14.07.2016 | Day 3 15.07.2016 | Day 4 16.07.2016 | Day 5 17.07.2016 |
| Rainfall (mm) | 0 | 0 | 1 | 8 | 25 |
| Maximum temperature (°C) | 37 | 37 | 36 | 36 | 34 |
| Minimum temperature (°C) | 28 | 28 | 27 | 27 | 25 |
| Cloud cover (Octa) | 5 | 5 | 6 | 6 | 7 |
| Relative humidity (%) | 44 – 59 | 44 – 59 | 50 – 65 | 55 – 70 | 70 – 85 |
| Wind speed (kmph) | 26 | 26 | 27 | 27 | 27 |
| Wind direction | West | West | West | West | West |

The sky will be mostly cloudy. A light rainfall 1 – 25 mm is expected on next five days except 13.07.2016 & 14.07.2016.

Weather based Agro-Advisories

Crop: Rice, Black gram, Sesame, Sugarcane, Cotton

Stage: Rice fallow cotton – Maturity stage; Rice: Transplanting

- In rice cultivation application of 200 kg gypsum and 125 kg super phosphate per acre as basal application during main field preparation is essential. If the soil is low in nitrogen status, apply 35 kg urea per acre as basal.
- In kuruvai paddy, apply butachlor at 1.0 lit/ac or Bensulfuron methyl + pretilachlor 4kg/acre mixed with 20 kg sand and broadcast uniformly by keeping thin film of water on 3-5 DAT. Don't drain the water in herbicide applied field.
- Leaf mite incidence is being noticed in the Kuruvai paddy fields due to prevailing weather condition. To manage this, spray Profonophos 400 ml/acre or 50 % wettable sulphur 400g/acre or Dicofol 600 ml/acre with 200 litres of water.

Director