



Gramin Krishi Mausam Sewa (GKMS)

for the Thiruchirapalli District

Forecast Period: 29<sup>th</sup> JUNE to 03<sup>rd</sup> JULY, 2016

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Date: 28.06.16

**Weather for the past four days (24.06.2016– 27.06.2016)**

Parameters	Past weather
Rainfall (mm)	2.0
Maximum temperature (°C)	30 – 36
Minimum temperature (°C)	24 – 28
Cloud cover (Octa)	6 – 7
Relative humidity (%)	43 – 72
Wind speed (km/ hr)	20 – 27

**Weather forecast for the next five days (until 08:30 hrs of 03.07.2016)**

Parameters	Ensemble FCST				
	Day 1 29.06.2016	Day 2 30.06.2016	Day 3 01.07.2016	Day 4 02.07.2016	Day 5 03.07.2016
Rainfall (mm)	0	0	0	0	0.5
Maximum temperature (°C)	36	36	36	36	36
Minimum temperature (°C)	27	27	27	27	27
Cloud cover (Octa)	6	6	6	6	6
Relative humidity (%)	48 – 60	48 – 60	48 – 60	48 – 60	48 – 60
Wind speed (kmph)	21	21	21	21	21
Wind direction	West	West	West	West	West

The sky will be mostly cloudy. A light rainfall 0.5 mm is expected on 03.07.2016.

**Weather based Agro-Advisories**

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

**Stage: Rice fallow cotton – Flowering stage; Rice: Nursery preparation**

- 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 season 18 to 22 days of old young seedling roots may be dipped in biofertilizer slurry (1 kg each of Azosirillum and phosphobacteria or 1 kg of Azophos) for 15 to 30 minutes before transplanting with a spacing of 20 x 10 cm. In SRI, 14 days old seedlings can be transplanted in 25 x 25 cm spacing using SRI marker.
- 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 400gm/acre or Dicofol 600 ml/acre with 200 litres of water.

**Director**