



## Gramin Krishi Mausam Sewa (GKMS)

### for the Thiruchirapalli District

Forecast Period: 17<sup>th</sup> AUGUST to 21<sup>st</sup> AUGUST, 2017

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Date: 16.08.2017

Weather for the past five days (11.08.2017–15.08.2017)

Parameters	Past weather
Rainfall (mm)	34.0
Maximum temperature (°C)	33 – 37
Minimum temperature (°C)	22 – 26
Cloud cover (Octa)	6 – 7
Relative humidity (%)	42 – 91
Wind speed (km/ hr)	6 – 17

Weather forecast for the next five days (until 08:30 hrs of 21.08.2017)

Parameters	Ensemble FCST				
	Day 1 17.08.2017	Day 2 18.08.2017	Day 3 19.08.2017	Day 4 20.08.2017	Day 5 21.08.2017
Rainfall (mm)	10	3	2	2	5
Maximum temperature (°C)	36	37	37	38	37
Minimum temperature (°C)	24	25	25	26	26
Cloud cover (Octa)	7	5	5	5	4
Relative humidity (%)	80 – 85	75 – 80	75 – 80	70 – 75	70 – 75
Wind speed (kmph)	6	8	8	10	8
Wind direction	West	West	South West	South West	South West

The sky will be partly cloudy. A light to moderate rainfall 2 – 10 mm is expected on next five days.

#### Weather based Agro-Advisories

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

**Stage: Kuruvai - Panicle initiation stage; Samba: Land preparation and sowing**

- At active tillering stage of Kuruvai paddy, top dressing can be done with 25 kg urea and 10 kg MOP/acre by keeping thin film of water in the field.
- Rice varieties CR 1009 and ADT 50 are suitable for samba season in Cauvery delta zone.
- For direct sown rice in samba season, sowing by using tractor drawn seed drill, seed rate of 15 kg/acre is required. For manual broadcasting seed rate of 30 kg/acre is required. Seeds should be treated with *pseudomonas fluorescence* 10g/kg of seed before sowing. Seed treatment increase seed germination, seedling vigour and controls the seed borne infection.

#### **Livestocks**

- Thick and wet litter produce/generates more heat. Therefore, during summer, the litter thickness must not be more than 6 cm.
- Add 1 kg of sodium bicarbonate to one tonne of layer feed to lower heat stroke and to increase shell thickness.

**Director**