



## Gramin Krishi Mausam Sewa (GKMS)

### For Thanjavur District

Forecast Period: 26<sup>th</sup> APRIL to 30<sup>th</sup> APRIL, 2017

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Date: 25.04.2017

Weather for the past four days (21.04.2017–24.04.2017)

Parameters	Past weather
Rainfall (mm)	0.0
Maximum temperature (°C)	39 – 41
Minimum temperature (°C)	30
Cloud cover (Octa)	3
Relative humidity (%)	57 – 64
Wind speed (km/ hr)	5

Weather forecast for the next five days (until 08:30 hrs of 29.04.2017)

Parameters	Ensemble FCST				
	Day 1 26.04.2017	Day 2 27.04.2017	Day 3 28.04.2017	Day 4 29.04.2017	Day 5 30.04.2017
Rainfall (mm)	5	5	0	0	0
Maximum temperature (°C)	41	41	41	40	40
Minimum temperature (°C)	30	30	30	29	29
Cloud cover (Octa)	3	3	3	3	3
Relative humidity (%)	57 – 60	57 – 60	57 – 60	57 – 60	57 – 60
Wind speed (kmph)	5	5	5	5	5
Wind direction	South East	South East	South East	South East	South East

The sky will be partly cloudy. A light rainfall 5 mm is expected on next two days.

### Weather based Agro-Advisories

**Crop: Rice, Irrigated blackgram and Rice fallow cotton**

**Stage: Rice fallow cotton: Vegetative stage**

- Leaf mite incidence is being noticed in the summer paddy nursery due to prevailing hot weather condition. To manage this, spray Dicofol @ 600 ml / acre or wettable sulphur @ 400 g / acre with 200 litres of water.
- Occurrence of thrips is being noticed in the summer paddy nursery due to prevailing hot weather condition. To control this, spray chloripyriphos 2.5 ml / lit of water.
- For rice fallow cotton, one hand weeding and earthing up are to be done on 45 DAS.
- In rice fallow cotton and irrigated blackgram, occurrence of aphid, thrips, mite, hoppers and white flies are being noticed due to the prevailing hot weather. To control this spray azadirachtin 0.03% (3 ml / litre of water) along with sticking agent in the morning or evening using hand sprayer, If damage is more spray imidacloprid 200 SL @ 40ml / acre with 200 litres of water.
- In irrigated blackgram, application of pre-emergence herbicide pendimethalin @ 1.3 litre / acre is to be done on 3 DAS.

### Livestocks

- Poultrys should be vaccinated against Ranikhet disease.
- Sprinkling of water on mulching cows in every two hours between 10 a.m. to 5 p.m. to sustain the milk production.

Director