



**Gramin Krishi Mausam Sewa (GKMS) for
Nagappattinam District**

Forecast Period: 26th APRIL to 30th 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)	37 – 39
Minimum temperature (°C)	29
Cloud cover (Octa)	1 – 3
Relative humidity (%)	58 – 79
Wind speed (km/ hr)	11 – 15

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)	0	0	0	0	0
Maximum temperature (°C)	38	38	38	37	37
Minimum temperature (°C)	29	29	29	29	29
Cloud cover (Octa)	1	1	1	1	1
Relative humidity (%)	65 – 75	65 – 75	65 – 75	65 – 75	65 – 75
Wind speed (kmph)	10	10	10	10	10
Wind direction	South East	South East	South East	South	South

The sky will be partly cloudy. No rainfall is expected on next five 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

- Poultry 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