



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

Forecast Period: 10th MAY to 14th MAY, 2017

Tamil Nadu Rice Research Institute, Aduthurai- 612 101

Phone: 0435 2472098 E-mail: dirtrri@tnau.ac.in Fax: 0435 2472881



Date: 09.05.2017

Weather for the past four days (05.05.2017–08.05.2017)

Parameters	Past weather
Rainfall (mm)	0.0
Maximum temperature (°C)	35 – 36
Minimum temperature (°C)	30
Cloud cover (Octa)	3
Relative humidity (%)	54 – 61
Wind speed (km/ hr)	2 – 5

Weather forecast for the next five days (until 08:30 hrs of 14.05.2017)

Parameters	Ensemble FCST				
	Day 1 10.05.2017	Day 2 11.05.2017	Day 3 12.05.2017	Day 4 13.05.2017	Day 5 14.05.2017
Rainfall (mm)	3	5	0	0	0
Maximum temperature (°C)	36	36	36	37	37
Minimum temperature (°C)	28	28	28	28	28
Cloud cover (Octa)	3	3	3	4	4
Relative humidity (%)	65 – 74	65 – 74	65 – 74	65 – 75	65 – 75
Wind speed (kmph)	12	12	12	9	9
Wind direction	South	South	South	South West	South West

The sky will be partly cloudy. A light rainfall 3 – 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

- In rice cultivation 22 kg urea + 18 kg gypsum + 4 kg neem cake mixed well and keep it over night and add 10 kg MOP + 125kg of Super phosphate per acre as basal application during main field preparation is essential.
- In irrigated blackgram 22 kg urea, 125 kg superphosphate, 17 kg MOP, 45 kg gypsum per acre as basal application is to be done.
- 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.

Livestocks

- To prevent the loss of milk production of the cattle due to heat stress, add 100 gram of baking soda to the feed.
- Increase the quantum of amino acids, vitamins and mineral content of cattle feed so as to compensate the less quantity of feed consumed by cattle in summer.
- Artificial insemination should be done before 9.30 am in summer season.

Director