



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

Forecast Period: 29th JUNE to 03rd JULY, 2016

Tamil Nadu Rice Research Institute, Aduthurai- 612 101

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



Date: 28.06.16

Weather for the past four days (24.06.2016– 27.06.2016)

| Parameters | Past weather |
|--------------------------|--------------|
| Rainfall (mm) | 2.7 |
| Maximum temperature (°C) | 29 – 36 |
| Minimum temperature (°C) | 24 – 26 |
| Cloud cover (Octa) | 4 – 8 |
| Relative humidity (%) | 53 – 82 |
| Wind speed (km/ hr) | 2 – 9 |

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 |
| Maximum temperature (°C) | 35 | 35 | 35 | 35 | 35 |
| Minimum temperature (°C) | 26 | 26 | 26 | 26 | 26 |
| Cloud cover (Octa) | 6 | 6 | 6 | 6 | 6 |
| Relative humidity (%) | 65 – 70 | 65 – 70 | 65 – 70 | 65 – 70 | 65 – 70 |
| Wind speed (kmph) | 7 | 7 | 7 | 7 | 7 |
| Wind direction | North | North | North | North | North |

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

Weather based Agro-Advisories

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

Stage: Rice fallow cotton – Flowering stage

- 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