



## Gramin Krishi Mausam Sewa (GKMS)

### For the Thiruvarur District

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

Tamil Nadu Rice Research Institute, Aduthurai- 612 101

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



Date: 16.08.2017

Weather for the past five days (11.08.2017–15.08.2017)

Parameters	Past weather
Rainfall (mm)	48.7
Maximum temperature (°C)	32 – 36
Minimum temperature (°C)	25 – 29
Cloud cover (Octa)	4 – 5
Relative humidity (%)	60 – 83
Wind speed (km/ hr)	4 – 5

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)	0	2	3	2	5
Maximum temperature (°C)	34	34	35	35	36
Minimum temperature (°C)	26	26	27	27	28
Cloud cover (Octa)	4	5	3	3	3
Relative humidity (%)	75 – 80	70 – 75	70 – 75	65 – 70	65 – 70
Wind speed (kmph)	4	6	8	6	4
Wind direction	North West	North West	North West	North West	North West

The sky will be partly cloudy. A light to moderate rainfall 2 – 5 mm is expected on next five days except 17.08.2017.

#### Weather based Agro-Advisories

##### **Crop: Rice**

##### **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 fluorescense* 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**