



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

Forecast Period: 17th AUGUST to 21st AUGUST, 2017

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Date: 16.08.2017

Weather for the past five days (11.08.2017–15.08.2017)

Parameters	Past weather
Rainfall (mm)	43.0
Maximum temperature (°C)	32 – 35
Minimum temperature (°C)	23 – 27
Cloud cover (Octa)	4 – 8
Relative humidity (%)	71 – 94
Wind speed (km/ hr)	5 – 7

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	2	2	5
Maximum temperature (°C)	34	35	35	36	36
Minimum temperature (°C)	23	24	24	25	25
Cloud cover (Octa)	7	6	5	5	6
Relative humidity (%)	85 – 88	80 – 85	80 – 85	75 – 80	70 – 75
Wind speed (kmph)	6	8	8	6	6
Wind direction	South	South	South West	South West	South 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 fluorescence* 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