



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

Forecast Period: 23rd NOVEMBER to 27th NOVEMBER, 2016

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Date: 22.11.16

Weather for the past four days (18.11.2016–21.11.2016)

Parameters	Past weather
Rainfall (mm)	40.3
Maximum temperature (°C)	29 – 31
Minimum temperature (°C)	23 – 25
Cloud cover (Octa)	6 – 8
Relative humidity (%)	74 – 98
Wind speed (km/ hr)	9 – 67

Weather forecast for the next five days (until 08:30 hrs of 27.11.2016)

Parameters	Ensemble FCST				
	Day 1 23.11.2016	Day 2 24.11.2016	Day 3 25.11.2016	Day 4 26.11.2016	Day 5 27.11.2016
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	24	24	24	24	24
Cloud cover (Octa)	6	6	6	6	6
Relative humidity (%)	80 – 85	80 – 85	80 – 85	80 – 85	80 – 85
Wind speed (kmph)	10	10	10	10	10
Wind direction	North East	North East	North East	North East	North East

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

Weather based Agro-Advisories

Crop: Rice, Black gram, Sugarcane, Cotton

Stage: Samba: Active tillering; Thaladi : Transplanting

- ❖ Top dressing of fertilizers 25 kg urea and 10 kg of MOP /acre can be done for samba paddy.
- ❖ Bacterial Leaf Blight and Bacterial Leaf Streaks are being noticed in the samba paddy due to prevailing weather condition. To control this spray fresh cow dung extract 20% (Dissolve 40 kg of cowdung in 100 litre of water and kept for overnight then supernatant solution is collected from this after that add 100 litre of water then sprayed for 1 acre) twice (Starting from initial appearance of the disease and another at fortnightly interval) or copper hydroxide at 500 g/ac in 200 litre of water.
- ❖ Leaf folder incidence is being noticed in the samba paddy fields due to prevailing weather condition. To manage this, spray Profenophos 400 ml/acre with 200 ltrs of water.

Director