



**Gramin Krishi Mausam Sewa (GKMS)
for the Karur District**

Forecast Period: 08th DECEMBER to 12th DECEMBER, 2016

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Date: 07.12.16

Weather for the past five days (02.12.2016–06.12.2016)

Parameters	Past weather
Rainfall (mm)	32.3
Maximum temperature (°C)	23 – 32
Minimum temperature (°C)	19 – 23
Cloud cover (Octa)	3 – 8
Relative humidity (%)	44 – 96
Wind speed (km/ hr)	8 – 13

Weather forecast for the next five days (until 08:30 hrs of 12.12.2016)

Parameters	Ensemble FCST				
	Day 1 08.12.2016	Day 2 09.12.2016	Day 3 10.12.2016	Day 4 11.12.2016	Day 5 12.12.2016
Rainfall (mm)	0.5	0	0	0	0
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	21	21	21	21	21
Cloud cover (Octa)	4	4	4	4	4
Relative humidity (%)	60 – 75	60 – 75	60 – 75	60 – 75	60 – 75
Wind speed (kmph)	10	10	10	10	10
Wind direction	East	East	East	East	East

The sky will be mostly cloudy. A light rainfall 0.5 mm is expected on next one day.

Weather based Agro-Advisories

Crop: Rice, Black gram, Sugarcane, Cotton

Stage: Samba: Active tillering stage

- ❖ Provide adequate drainage facilities to drain the excess rainwater present in the paddy fields to improve better aeration in the root zone.
- ❖ 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.
- ❖ BPH incidence is being noticed in the samba paddy fields. To manage the BPH incidence in field, drain the excess water and also give aeration to crop. To manage this spray, Thiamethoxam 40g/acre or Buprofezin 25 SC 320 ml/acre towards the base of the tillers.

Director