



**Gramin Krishi Mausam Sewa (GKMS)
For Thanjavur 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) | 28.2 |
| Maximum temperature (°C) | 27 – 30 |
| Minimum temperature (°C) | 23 – 25 |
| Cloud cover (Octa) | 4 – 6 |
| Relative humidity (%) | 71 – 93 |
| Wind speed (km/ hr) | 2 – 4 |

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) | 29 | 29 | 29 | 29 | 29 |
| Minimum temperature (°C) | 24 | 24 | 24 | 24 | 24 |
| Cloud cover (Octa) | 5 | 5 | 5 | 5 | 5 |
| Relative humidity (%) | 75 – 88 | 75 – 88 | 75 – 88 | 75 – 88 | 75 – 88 |
| Wind speed (kmph) | 3 | 3 | 3 | 3 | 3 |
| Wind direction | North East | North East | North East | North East | North 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: flowering stage; Thaladi : Tillering stage

- ❖ Samba/Thaladi paddy fields to eliminate or rectify nutrient deficiency, top dressing can be done (22 kg urea + 18 kg gypsum + 4 kg neem cake mixed well and keep it over night and add 10 kg MOP before top dressing).
- ❖ 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 WDG 40g/acre or Buprofezin 25 SC 320 ml/acre towards the base of the tillers.

Director