

Agromet Advisory Bulletin for Thoothukudi district

(From 6th February to 10th February)

(Issued jointly by AAS Unit, Agricultural Research Station, Kovilpatti, Tamil Nadu
Agricultural University & India Meteorological Department)

Significant past weather data for the preceding week (2.2.16- 10.2.16)

| | |
|--------------------------|--------|
| Rainfall (mm) | 0.0 |
| Maximum Temperature (°C) | 29- 31 |
| Minimum Temperature (°C) | 21- 22 |
| Cloud cover (Octa) | 4- 7 |
| RH at 08:30 hrs (%) | 90- 96 |
| RH at 17:30 hrs (%) | 53- 78 |
| Wind speed (kmph) | 11- 20 |
| Wind direction (deg) | 70 |

Weather forecast until 08:30 hrs of 10.2.16

| Parameters | Ensemble forecast | | | | |
|-----------------------|-------------------|-----------------|-----------------|-----------------|------------------|
| | Day 1 6.2.16 | Day 2 7.2.16 | Day 3 8.2.16 | Day 4 9.2.16 | Day 5 10.2.16 |
| Rainfall (mm) | 0 | 0 | 2 | 1 | 2 |
| Max. Temperature (°C) | 30 | 30 | 30 | 29 | 29 |
| Min. Temperature (°C) | 22 | 22 | 22 | 21 | 21 |
| Cloud cover (Octa) | 5 | 5 | 5 | 7 | 7 |
| Relative humidity (%) | 60- 90 | 61- 91 | 62- 92 | 80- 94 | 82- 95 |
| Wind (kmph) (dd) | 17/ E | 17/ E | 17/ E | 17/ E | 17/ E |

E - East

Agromet advisories in relation to the anticipated weather having moderate cloud cover and moderate humidity

| Crop/ Farming system | Stage / Activities | Advisories |
|----------------------------|-----------------------|---|
| Rice | Maturity stage | As dry weather is expected in the coming days harvest the matured rice crop, do threshing, dry the grains under sun and store in gunny bags. |
| Cotton | Boll opening stage | In the prevailing weather condition incidence of mealy bug is noticed in cotton. Collect and destroy the infested plant parts. Spray chlorpyrifos 2 ml/ l based on the intensity of the pest. |

| | | |
|--------|------------------------------|---|
| | | The incidence of boll worm is also noticed in cotton. Spray chlorpyrifos 2 ml/ l or chlorantranilprole 150 ml/ ha based on the intensity of the pest. |
| Chilli | Flowering and fruiting stage | In order to conserve the soil moisture create dust mulch through manual hoeing and apply crop residues in the inter-row space. In the prevailing weather condition incidence of yellow muranai mite and gall fly are noticed in chilli. Spray ethion 2 ml/ l based on the intensity of the pest. |

SMS: Rain: February 7th- 10th: 2,1 & 2 mm respectively. Chilli- Yellow muranai mite& gall fly: Spray ethion 2 ml/ l based on the intensity of the pest.

Professor and Head
Agricultural Research Station
Kovilpatti