

**Agromet Advisory Bulletin for Thoothukudi district
(From 15th June to 19th June)**

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

Significant past weather data for the preceding week (10.6.16- 13.6.16)

| | |
|--------------------------|----------|
| Rainfall (mm) | 0.3 |
| Maximum Temperature (°C) | 31- 35 |
| Minimum Temperature (°C) | 25- 27 |
| Cloud cover (Octa) | 3- 5 |
| RH (%) at 07:00 hrs LMT | 75- 90 |
| RH (%) at 14:00 hrs LMT | 48- 85 |
| Wind speed (kmph) | 14- 27 |
| Wind direction (deg) | 250- 290 |

Weather forecast until 08:30 hrs of 19.6.16

| Parameters | Ensemble forecast | | | | |
|-----------------------|-------------------|------------------|------------------|------------------|------------------|
| | Day 1 15.6.16 | Day 2 16.6.16 | Day 3 17.6.16 | Day 4 18.6.16 | Day 5 19.6.16 |
| Rainfall (mm) | 2 | 0 | 0 | 0 | 0 |
| Max. Temperature (°C) | 38 | 38 | 38 | 38 | 38 |
| Min. Temperature (°C) | 28 | 28 | 28 | 28 | 28 |
| Cloud cover (Octa) | 4 | 4 | 4 | 4 | 4 |
| Relative humidity (%) | 52- 70 | 52- 70 | 52- 70 | 52- 70 | 52- 70 |
| Wind (kmph) (dd) | 22/ W | 22/ W | 22/ W | 22/ W | 22/ W |

W- West

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

| Crop/ Farming system | Stage / Activities | Advisories |
|----------------------|-----------------------------|---|
| Cotton | Boll formation stage | Apply the third dose of nitrogen at 27 kg / ha (urea 59 kg/ha). Apply the fertilizer in a band at two third the distance from the top of the ridge and incorporate. |
| Mango | Bearing | The anticipated weather is conducive for the incidence of anthracnose (bird's eye spot). For controlling this spray mancozeb 2 g / l thrice at 15 days interval. |
| Garden land crops | Irrigation management | For the prevailing high wind speed, plant desiccation may occur give irrigation to mitigate the waterlessness. |
| Banana | Flower bud initiation stage | For preventing the damage to the crops due to the winds with more speed give support to banana by using casuarina poles. |

SMS: Rain: 15.6.16: 2 mm. For the prevailing high wind speed, plant desiccation may occur give irrigation to mitigate the waterlessness.

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