

**Agromet Advisory Bulletin for Thoothukudi district
(From 18th May to 22th May)**

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

Significant past weather data for the preceding week (13.5.16- 16.5.16)

| | |
|--------------------------|----------|
| Rainfall (mm) | 13.21 |
| Maximum Temperature (°C) | 28- 35 |
| Minimum Temperature (°C) | 25- 29 |
| Cloud cover (Octa) | 6- 8 |
| RH (%) at 07:00 hrs LMT | 79- 96 |
| RH (%) at 14:00 hrs LMT | 78- 95 |
| Wind speed (kmph) | 1- 19 |
| Wind direction (deg) | 140- 340 |

Weather forecast until 08:30 hrs of 22.5.16

| Parameters | Ensemble forecast | | | | |
|-----------------------|-------------------|------------------|------------------|------------------|------------------|
| | Day 1 18.5.16 | Day 2 19.5.16 | Day 3 20.5.16 | Day 4 21.5.16 | Day 5 22.5.16 |
| Rainfall (mm) | 30 | 30 | 10 | 6 | 0 |
| Max. Temperature (°C) | 28 | 28 | 28 | 29 | 30 |
| Min. Temperature (°C) | 24 | 24 | 24 | 25 | 25 |
| Cloud cover (Octa) | 8 | 8 | 8 | 7 | 7 |
| Relative humidity (%) | 88- 95 | 88- 95 | 88- 95 | 85- 92 | 85- 92 |
| Wind (kmph) (dd) | 23/ SW | 34/ SW | 36/ SW | 28/ W | 23/ SW |

SW- Southwest and W- West

Agromet advisories in relation to the anticipated weather having very high cloud cover heavy rainfall, high humidity and moderate to high wind speed

| Crop/ Farming system | Stage / Activities | Advisories |
|------------------------------------|-----------------------------|--|
| Vegetable crops | Irrigation management | As heavy rainfall is expected in the coming days, avoid irrigation to crops and provide adequate drainage facility. |
| Dryland and gardenland cultivation | Soil and water conservation | In order to conserve the summer rainfall do summer ploughing when optimum moisture content in the soil. Do cultivator/ tiller ploughing to improve the infiltration. |
| Sugarcane | Grand growth stage | As winds with more speed are expected in the coming days give stake for banana and do propping for sugarcane to prevent the crops from damage. |
| Banana | | |

SMS: Rain: May 18- 21st: 30, 30, 10& 6 mm respectively. As more wind speed and rain is expected give stake for banana& do propping for sugarcane.

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