

**7Agromet Advisory Bulletin for Virudhunagar district
(From 13th July to 17th July)**

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

Significant past weather data for the preceding week (8.7.16- 11.7.16)

| | |
|--------------------------|----------|
| Rainfall (mm) | 0.0 |
| Maximum Temperature (°C) | 38- 36 |
| Minimum Temperature (°C) | 27- 28 |
| Cloud cover (Octa) | 4- 7 |
| RH (%) at 07:00 hrs LMT | 48- 54 |
| RH (%) at 14:00 hrs LMT | 43- 48 |
| Wind speed (kmph) | 22- 32 |
| Wind direction (deg) | 270- 290 |

Weather forecast until 08:30 hrs of 17.7.16

| Parameters | Ensemble forecast | | | | |
|-----------------------|-------------------|------------------|------------------|------------------|------------------|
| | Day 1 13.7.16 | Day 2 14.7.16 | Day 3 15.7.16 | Day 4 16.7.16 | Day 5 17.7.16 |
| Rainfall (mm) | 0 | 0 | 0 | 1 | 15 |
| Max. Temperature (°C) | 38 | 38 | 37 | 37 | 36 |
| Min. Temperature (°C) | 28 | 28 | 27 | 27 | 26 |
| Cloud cover (Octa) | 5 | 5 | 6 | 6 | 7 |
| Relative humidity (%) | 46- 54 | 46- 54 | 50- 60 | 50- 60 | 60- 70 |
| Wind (kmph) (dd) | 28/ W | 28/ W | 28/ W | 28/ W | 28/ W |

W- West

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

| Crop/ Farming system | Stage / Activities | Advisories |
|----------------------|--------------------|--|
| Bhendi | Fruiting stage | <p>As high cloud cover, high wind speed, moderate humidity and rainfall is expected in the coming days, severe attack of red spider is observed,</p> <p>To control red spider mite:</p> <ul style="list-style-type: none"> Spray ethion 2 ml/ l (or) dicofol 2.0 ml/ lit based on the intensity of the pest. <p>To control green leaf hopper:</p> <ul style="list-style-type: none"> Dust carbaryl 5 % DP @ 20 kg /ha or apply carbofuran 3 % G @ 33 kg /ha or <p>Spray any one of the following insecticides</p> <ul style="list-style-type: none"> Imidacloprid 70% WG @ 0.7 g /10 l or Imidacloprid 17.8% SL@ 2 ml/10 l. |

| | | |
|----------------|-------------------------|---|
| Brinjal | Fruiting stage | <p>As high cloud cover, high wind speed, moderate humidity and rainfall is expected in the coming days, fruit borer and mite is noticed in brinjal,</p> <p>To control fruit borer</p> <ul style="list-style-type: none"> • Set up pheromone trap @ 12 / ha. • Collect and destroy affected fruits. • Release egg parasite <i>Trichogramma chilonis</i> @ 1.0 lakh / ha. • Spray any systemic insecticide like Prophenophos 1000 ml/ ha or Chlorantraniliprole (corogen) 150 ml/ ha. <p>To control mite:</p> <ul style="list-style-type: none"> • Spray dicofol 2.5 ml/ l or wettable sulphur 2 g/ l. |
| Banana (IR) | Bunch development stage | As high wind speed is expected in the coming days provide support to banana. |
| Sugarcane (IR) | Grant growth stage | Remove the dry cane leaves and do double line propping with trash, twist at the age of 7th month of the crop to prevent lodging due to high wind speed. |

SMS: Rain: 16.7.16- 17.7.16: 1& 15 mm respectively. Bhendi- red spider mite- Spray ethion 2 ml/ l (or) dicofol 2.0 ml/ lit based on the intensity of the pest.

Professor and Head
Agricultural Research Station
Kovilpatti