

Agromet Advisory Bulletin for Thoothukudi 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)	30- 38
Minimum Temperature (°C)	26- 27
Cloud cover (Octa)	6- 8
RH (%) at 07:00 hrs LMT	72- 85
RH (%) at 14:00 hrs LMT	55- 64
Wind speed (kmph)	12- 23
Wind direction (deg)	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	0.5	4
Max. Temperature (°C)	36	36	36	36	35
Min. Temperature (°C)	27	27	27	27	26
Cloud cover (Octa)	6	6	6	6	7
Relative humidity (%)	62- 78	62- 78	62- 78	62- 78	72- 85
Wind (kmph) (dd)	20/ W	20/ W	20/ W	20/ W	20/ 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 7 th month of the crop to prevent lodging due to high wind speed.

SMS: Rain: 16.7.16- 17.7.16: 0.5& 4 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