

Agromet Advisory Bulletin for Tirunelveli 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)	32- 33
Minimum Temperature (°C)	22- 23
Cloud cover (Octa)	2- 3
RH at 08:30 hrs (%)	80- 90
RH at 17:30 hrs (%)	51- 11
Wind speed (kmph)	50- 90
Wind direction (deg)	0- 4

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	0	0.5	2
Max. Temperature (°C)	33	33	33	32	32
Min. Temperature (°C)	22	22	22	22	22
Cloud cover (Octa)	3	3	3	5	5
Relative humidity (%)	50- 75	51- 76	52- 77	60- 83	61- 84
Wind (kmph) (dd)	2/ NE	2/ NE	2/ NE	2/ NE	2/ NE

NE - Northeast

Agromet advisories in relation to the anticipated weather having light 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 chlorantraniliprole 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: 9.2.16& 10.2.16: 0.5& 2 mm. 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