

Agromet Advisory Bulletin for Tirunelveli district

(From 10th May to 14th 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 (5.5.17- 8.5.17)

Rainfall (mm)	8.8
Maximum Temperature (°C)	37- 40
Minimum Temperature (°C)	25- 27
Cloud cover (Octa)	2
RH (%) at 07:00 hrs LMT	58- 63
RH (%) at 14:00 hrs LMT	39- 49
Wind speed (kmph)	0- 2
Wind direction (deg)	0- 140

Weather forecast until 08:30 hrs of 14.05.2017

Parameters	Ensemble forecast				
	Day 1 10.5.17	Day 2 11.5.17	Day 3 12.05.17	Day 4 13.5.17	Day 5 14.5.17
Rainfall (mm)	40	42	20	10	8
Max. Temperature (°C)	39	39	39	37	37
Min. Temperature (°C)	27	27	27	26	26
Cloud cover (Octa)	2	2	2	2	2
Relative humidity (%)	39- 65	39- 65	39- 65	45- 65	45- 65
Wind (kmph) (dd)	2/ S	2/ S	2/ S	2/ S	2/ S

SE- Southeast

Agromet advisories in relation to the anticipated weather having light cloud cover and moderate to heavy rainfall and moderate humidity

Crop/ Farming system	Stage / Activities	Advisories
Sorghum (Irrigated)	Vegetative stage	In the expected weather condition shoot fly incidence is noticed in sorghum. The symptoms are withering and drying of central shoot (dead heart) and red mining in the midrib. For controlling this pest spray any one of the following insecticide, <ul style="list-style-type: none"> • Methyl demeton 25 EC 500 ml/ha • Dimethoate 30 EC 500 ml/ha
Jasmine	Flowering stage	In the prevailing weather condition, budworm incidence is may observed in Jasmine. To control spray Thiachloprid 240 SC @ 1 ml/ l of water.

Soil fertility management	Crop residue incorporation	Incorporate the residues of harvested crops like cotton, chilli and other crops by using rotoslasher when soil moisture is optimum. Addition of crop residues will help to improve organic matter content of the soil and conserve rain water.
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SMS:

Rain: 10- 14.5.17: 40, 42, 20, 10& 8 mm. Sorghum- shoot fly- To control spray Methyl demeton 25 EC 500 ml/ha or Dimethoate 30 EC 500 ml/ha

Professor and Head
Agricultural Research Station
Kovilpatti