

**Agromet Advisory Bulletin for Thoothukudi district****(From 10<sup>th</sup> May to 14<sup>th</sup> 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)	1.4
Maximum Temperature (°C)	32- 33
Minimum Temperature (°C)	26- 29
Cloud cover (Octa)	3- 5
RH (%) at 07:00 hrs LMT	83- 86
RH (%) at 14:00 hrs LMT	78- 88
Wind speed (kmph)	21- 25
Wind direction (deg)	200

**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)	0	5	4	0	0
Max. Temperature (°C)	34	34	34	35	35
Min. Temperature (°C)	29	29	29	28	28
Cloud cover (Octa)	3	3	3	3	3
Relative humidity (%)	75- 85	75- 85	75- 85	75- 85	75- 85
Wind (kmph) (dd)	20/ S	20/ S	20/ S	18/ S	18/ S

S - South

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

<b>Crop/ Farming system</b>	<b>Stage / Activities</b>	<b>Advisories</b>
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"> <li>• Methyl demeton 25 EC 500 ml/ha</li> <li>• Dimethoate 30 EC 500 ml/ha</li> </ul>
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.

Banana and Sugarcane	Grand growth stage	As strong winds are expected in the coming days remove the dry cane leaves and do double line propping. This will prevent lodging due to heavy winds.
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.

SMS:

Rain: 11& 12.5.17: 5& 4 mm. Sorghum- shoot fly- To control spray Methyl demeton 25 EC 500 ml/ha or Dimethoate 30 EC 500 ml/ha

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