

## Agromet Advisory Bulletin for Thoothukudi district

(From 29<sup>th</sup> March to 2<sup>nd</sup> April)

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

### Significant past weather data for the preceding week (24.03.17- 27.03.17)

Rainfall (mm)	0.0
Maximum Temperature (°C)	31- 32
Minimum Temperature (°C)	23- 26
Cloud cover (Octa)	3
RH (%) at 07:00 hrs LMT	80- 86
RH (%) at 14:00 hrs LMT	72- 78
Wind speed (kmph)	11- 14
Wind direction (deg)	110

### Weather forecast until 08:30 hrs of 02.04.2017

Parameters	Ensemble forecast				
	Day 1 29.03.17	Day 2 30.03.17	Day 3 31.03.17	Day 4 01.04.17	Day 5 02.04.17
Rainfall (mm)	0	0	0	0	0
Max. Temperature (°C)	32	32	32	32	33
Min. Temperature (°C)	25	25	25	25	26
Cloud cover (Octa)	4	3	3	4	3
Relative humidity (%)	75- 85	75- 85	75- 85	75- 85	75- 85
Wind (kmph) (dd)	13/ W	14/ S	13/ W	14/ SW	13/ SW

SE- Southeast and S- South

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

Crop/ Farming system	Stage / Activities	Advisories
Cotton	Boll formation	In the prevailing weather condition, pink boll worm incidence is noticed in cotton. For controlling pink boll worm spray any one of the following insecticides <ul style="list-style-type: none"> <li>• Phosalone 35% EC 2 l/ ha</li> <li>• Triazophos 40 EC 2.5 l/ ha</li> </ul>
Chilli	Fruiting	The expected weather having light to moderate cloud cover and moderate humidity is conducive for the incidence of thrips in chilli. The affected plants show symptoms of crinkling and upward curling of leaves and elongation of petiole. For controlling this pest, spray imidachloprid 17.8 % SL @ 3 ml/ 10 l of water or dimethoate 30% EC@ 1 ml/ l.

Mango	Fruit setting stage	In the prevailing weather condition fruit fly incidence is noticed in mango. Spraying of Fenthion 2 ml/lit or malathion 2 ml/lit will control the pest. Ploughing the inter spaces will expose the pupae. Pheromone trap with methyl eugenol 1 ml in 1 litre of water + 1 ml of malathion solution will attract and kill the female insects. Take 10 ml of this mixture per trap and keep them in 25 different places in one hectare between 6 a.m. and 8 a.m. Collect and destroy the fallen fruits.
Citrus	Fruiting	In the prevailing weather condition thrips incidence is noticed in citrus. For controlling this pest spray malathion 0.5 mg/ lit.

SMS:

In the prevailing weather condition, cotton- pink boll worm- spray Phosalone 35% EC 2 l/ ha.

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