

Agromet Advisory Bulletin for Thoothukudi district

(From 05th May to 09th May 2018)

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

Significant past weather data for the preceding week (01.05.2018 -03.05.2018)

Rainfall (mm)	1.0
Maximum Temperature (°C)	36-34
Minimum Temperature (°C)	26-27
Cloud cover (Octa)	4-5
RH at 08:30 hrs (%)	79-74
RH at 17:30 hrs (%)	82-77
Wind speed (kmph)	11-21
Wind direction (deg)	160-200

Weather forecast until 08:30 hrs of 09.05.2018

Parameters	Ensemble forecast				
	Day 1 05.05.18	Day 2 06.05.18	Day 3 07.05.18	Day 4 08.05.18	Day 5 09.05.18
Rainfall (mm)	0	0	0	0	0
Max. Temperature (°C)	36	36	37	37	37
Min. Temperature (°C)	26	26	26	26	26
Cloud cover (Octa)	4	4	4	4	4
Relative humidity (%)	80-65	80-65	80-60	80-60	80-60
Wind (kmph) (dd)	18/S	18/S	17/SW	17/SW	17/SW

S- South

Agromet advisories in relation to the anticipated weather having moderate cloud cover and moderate humidity.

Crop/ Ecosystem	Stage / Activities	Advisories
General	Weather	<ul style="list-style-type: none"> • Prevailing moderate wind speed may damage the banana crops. Farmers are advised to do propping for Banana. • For irrigated crops, wind speed will increase evaporation loss. Hence, regular interval of irrigation may be given to avoid heat stress.
Banana	Bunch development stage	<ul style="list-style-type: none"> • Use transparent polyethylene sleeves with 4% ventilation to cover the bunch immediately after opening of last hand to blemish free fruits with uniform size and quality.
Rice	Transplanting & Vegetative stage	<ul style="list-style-type: none"> • Application of fertilizer is based on soil test recommended if not as per the blanket recommended dose of N- 120 & P₂O₅ -40 Kg ha⁻¹ in four split at basal, tillering, panicle initiation and heading stages. Tillering and Panicle initiation periods

		are crucial
Flower crop	Jasmine	<ul style="list-style-type: none"> • Prevailing weather is favorable for bud worm incidence. to control the spray any one of the chemical Thiochlorid (Alanto) 240SC @ 1 ml/litre or Spinosad (Tracer) @ 0.5 ml/lit or Spray Profenophos 25EC @ 2 ml/lit or Spray neem seed kernel extract 5 %. • As moderate cloud cover and light rainfall is expected in the coming days, leaf webber incidence is noticed in jasmine. For controlling this pest spray imidachloprid 2 ml/ l or dimethoate 2 ml/ l.
Vegetable	Tomato - Vegetative stage	<ul style="list-style-type: none"> • Prevailing weather is favorable for mealy bug. To control go for neem oil 0.5% along with teepol 1 ml/lit or Imidacloprid 80.5 SC 0.6 ml/lit or Chlorpriphos 20 EC 2ml/lit.

- SMS: Rain: Nil. Jasmine - leaf webber incidence -spray imidachloprid 2 ml/ l or dimethoate 2 ml/ l.

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