

Agromet Advisory Bulletin for Tirunelveli 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)	0.0
Maximum Temperature (°C)	39-37
Minimum Temperature (°C)	27
Cloud cover (Octa)	2-3
RH at 08:30 hrs (%)	63-30
RH at 17:30 hrs (%)	45-43
Wind speed (kmph)	0-6
Wind direction (deg)	0-360

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)	39	39	38	38	38
Min. Temperature (°C)	27	27	26	26	26
Cloud cover (Octa)	2	2	3	3	3
Relative humidity (%)	65-45	65-45	65-45	65-45	65-45
Wind (kmph) (dd)	8/SW	8/SW	10/W	10/W	10/W

S- South

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

Crop/ Ecosystem	Stage / Activities	Advisories
Temperature	Crops	<ul style="list-style-type: none"> Farmers are advised to go for mulching to preserve the soil moisture for the crop growth.
	Animal Husbandry	<ul style="list-style-type: none"> In order to mitigate the effect of high temperature on animals provide adequate cool drinking water and green fodder and spray water on gunny bags surrounding the cattle shed.
General	Summer Ploughing	<ul style="list-style-type: none"> Summer ploughing is advised to improve the infiltration rate of soil as well as to control the weed growth by utilizing the unexpected rainfall during summer months.
	Green manure crop	<ul style="list-style-type: none"> Raise green manure crop by using unexpected rainfall during summer months.
Rice	Vegetative stage	<ul style="list-style-type: none"> Prevailing weather is favorable for Thrips attack, to control spray any one of the Phosphamidon 40 SL 600 ml /ha or

		Azadirachtin 0.15% W/W 1500-2500 g/ha.
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SMS: Rain: Nil. Rice - Thrips - spray Phosphamidon 40 SL 600 ml /ha or Azadirachtin 0.15% W/W 1500-2500 g/ha.

Professor and Head
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