

Agromet Advisory Bulletin for Virudhunagar district

(From 02nd May to 06th 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 (27.04.2018 -30.04.2018)

Rainfall (mm)	0.9
Maximum Temperature (°C)	37-39
Minimum Temperature (°C)	26-27
Cloud cover (Octa)	4-6
RH at 08:30 hrs (%)	61-66
RH at 17:30 hrs (%)	37-44
Wind speed (kmph)	6-12
Wind direction (deg)	140-180

Weather forecast until 08:30 hrs of 06.05.2018

Parameters	Ensemble forecast				
	Day 1 02.05.18	Day 2 03.05.18	Day 3 04.05.18	Day 4 05.05.18	Day 5 06.05.18
Rainfall (mm)	0	1	2	2	5
Max. Temperature (°C)	39	39	39	40	40
Min. Temperature (°C)	27	27	27	28	28
Cloud cover (Octa)	4	4	4	4	4
Relative humidity (%)	40-65	40-65	40-65	40-65	40-65
Wind (kmph) (dd)	8/S	8/S	8/S	8/S	8/S

S- South

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

Crop/ Ecosystem	Stage / Activities	Advisories
High temperature (40°C) is expected in coming days.	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.
Rainfall	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.

Flower crop	Maligai	<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 %.
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SMS: Rain: 3, 4, 5 & 6.05.18: 1, 2, 2 & 5 mm. Rainfall- Summer ploughing is advised by utilizing the unexpected rainfall.

Professor and Head
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