

Agromet Advisory Bulletin for Virudhunagar district

(From 21st March to 25th March 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 (16.03.2018 -19.03.2018)

Rainfall (mm)	10.0
Maximum Temperature (°C)	35-38
Minimum Temperature (°C)	24-25
Cloud cover (Octa)	5-6
RH at 08:30 hrs (%)	68-76
RH at 17:30 hrs (%)	42-52
Wind speed (kmph)	7-13
Wind direction (deg)	90-180

Weather forecast until 08:30 hrs of 25.03.2018

Parameters	Ensemble forecast				
	Day 1 21.03.18	Day 2 22.03.18	Day 3 23.03.18	Day 4 24.03.18	Day 5 25.03.18
Rainfall (mm)	0	0	0	3	0
Max. Temperature (°C)	36	36	37	37	36
Min. Temperature (°C)	24	24	25	25	25
Cloud cover (Octa)	2	2	4	4	4
Relative humidity (%)	45-70	45-70	45-70	40-65	40-65
Wind (kmph) (dd)	8/ E	8/E	6/SE	6/SE	6/SE

E- East and SE- South east

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

Crop/ Ecosystem	Stage / Activities	Advisories
Chilli	Flowering to fruiting stage	<ul style="list-style-type: none"> • In order to conserve soil moisture dust mulch through manual hoeing and crop residue mulch in the inter-row space may be adopted. • Fruit Rot / Die Back incidence in chilli is noticed. To control the disease spray Copper oxychloride 0.25% or Zineb 0.15%. • Prevailing weather condition increases the cut worms (<i>Helicoverpa armigera</i>) incidence. To control spray Indoxacarb 14.5 % SC @ 6.5 ml/10 lit.
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"> • Air cooling using evaporative coolers designed to reduce ambient temperatures in livestock shelters can be quite effective. • Vaccine for foot and mouth disease to the cattle is advised as prophylactic measure by utilizing the facility from nearby veterinary hospital.
Ploughing	Summer	<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.

SMS: Rain: 24.03.18: 3mm. Animal Husbandry -Vaccine for foot and mouth disease to the cattle as prophylactic measure by utilizing nearby veterinary hospital..

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