

Agromet Advisory Bulletin for Virudhunagar district

(From 18th April to 22nd April 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 (13.04.2018 -16.04.2018)

Rainfall (mm)	30.7
Maximum Temperature (°C)	34-38
Minimum Temperature (°C)	23-26
Cloud cover (Octa)	6-7
RH at 08:30 hrs (%)	63-86
RH at 17:30 hrs (%)	47-86
Wind speed (kmph)	5-13
Wind direction (deg)	90-360

Weather forecast until 08:30 hrs of 22.04.2018

Parameters	Ensemble forecast				
	Day 1 18.04.18	Day 2 19.04.18	Day 3 20.04.18	Day 4 21.04.18	Day 5 22.04.18
Rainfall (mm)	0	0	1	2	1
Max. Temperature (°C)	36	36	38	38	38
Min. Temperature (°C)	26	26	27	27	27
Cloud cover (Octa)	5	5	5	5	5
Relative humidity (%)	60-68	60-68	60-70	60-70	60-70
Wind (kmph) (dd)	8/S	8/S	5/S	5/S	5/S

S- South

Agromet advisories in relation to the anticipated weather having very light rainfall, moderate to high 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%. Thrips incidence was noticed 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 litre of water or Dimethoate 30 % EC @1.0 ml/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"> • 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. • Vaccine for foot and mouth disease to the cattle is advised as prophylactic measure by utilizing the facility from nearby veterinary hospital.
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.

SMS: Rain: 20, 21, & 22.4.18: 1, 2, & 1 mm. Animal husbandry- Provide cool drinking water and green fodder and spray water on gunny bags surrounding the cattle shed.

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