

## Agromet Advisory Bulletin for Virudhunagar district

**(From 25<sup>th</sup> April to 29<sup>th</sup> 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 (20.04.2018 -23.04.2018)

Rainfall (mm)	0.8
Maximum Temperature (°C)	37-39
Minimum Temperature (°C)	26-27
Cloud cover (Octa)	3-5
RH at 08:30 hrs (%)	67-70
RH at 17:30 hrs (%)	37-44
Wind speed (kmph)	10-15
Wind direction (deg)	140-180

### Weather forecast until 08:30 hrs of 29.04.2018

Parameters	Ensemble forecast				
	Day 1 25.04.18	Day 2 26.04.18	Day 3 27.04.18	Day 4 28.04.18	Day 5 29.04.18
Rainfall (mm)	0	1	5	0	0
Max. Temperature (°C)	40	40	39	39	39
Min. Temperature (°C)	27	27	28	28	28
Cloud cover (Octa)	5	5	4	4	4
Relative humidity (%)	45-70	45-70	50-70	50-70	50-70
Wind (kmph) (dd)	15/SE	15/SE	14/SE	14/SE	14/SE

SE- South East

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

Crop/ Ecosystem	Stage / Activities	Advisories
High wind speed and high temperature (40°C) is expected in coming days.	Crops	<ul style="list-style-type: none"> <li>Farmers are advised to go for mulching to preserve the soil moisture for the crop growth.</li> </ul>
	Animal Husbandry	<ul style="list-style-type: none"> <li>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.</li> <li>Vaccine for foot and mouth disease to the cattle is advised as prophylactic measure by utilizing the facility from nearby veterinary hospital.</li> </ul>
General	Summer Ploughing	<ul style="list-style-type: none"> <li>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.</li> </ul>

	Green manure crop	<ul style="list-style-type: none"><li>• Raise green manure crop by using unexpected rainfall during summer months.</li></ul>
--	-------------------	--

SMS: Rain: 26 & 27.4.18: 1 & 5 mm. Rainfall- Summer ploughing is advised by utilizing the unexpected rainfall.

Professor and Head  
Agricultural Research Station  
Kovilpatti