

## Agromet Advisory Bulletin for Tirunelveli district

(From 18<sup>th</sup> April to 22<sup>nd</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 (13.04.2018 -16.04.2018)

Rainfall (mm)	33.2
Maximum Temperature (°C)	32-34
Minimum Temperature (°C)	25
Cloud cover (Octa)	3-6
RH at 08:30 hrs (%)	67-83
RH at 17:30 hrs (%)	51-80
Wind speed (kmph)	0
Wind direction (deg)	0

### 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	0	0	0
Max. Temperature (°C)	33	33	38	38	38
Min. Temperature (°C)	25	25	28	28	28
Cloud cover (Octa)	4	4	4	4	4
Relative humidity (%)	50-65	50-65	60-70	60-70	60-70
Wind (kmph) (dd)	6/SW	6/SW	6/SW	6/SW	6/SW

SW- South west

**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"><li>• In order to conserve soil moisture dust mulch through manual hoeing and crop residue mulch in the inter-row space may be adopted.</li><li>• Fruit Rot / Die Back incidence in chilli is noticed. To control the disease spray Copper oxychloride 0.25% or Zineb 0.15%.</li><li>• 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.</li></ul>

Temperature	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>
Rainfall	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: Nil. Animal husbandry- Provide cool drinking water and green fodder and spray water on gunny bags surrounding the cattle shed.

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