



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Tiruppur District
Bulletin No.021/2023 Issued on 14.03.2023
(From 15th March 2023 to 19th March 2023)
Issued jointly by Agro Climate Research Centre, TNAU and IMD



Past Weather for Tamil Nadu District

Weather Summary for the period since the issue of last bulletin 020 (10.03.2023) for Tamil Nadu. Maximum temperature ranged from 31°C to 35°C and minimum temperature ranged from 21°C to 24°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 25°C and minimum temperature ranged from 6°C to 9°C. During this period no rainfall was recorded in Tamil Nadu.

Tiruppur District Past Weather

In Tiruppur district, during 10.03.23 to 13.03.23 the Maximum temperature was recorded as 34°C and the minimum temperature was 21°C to 22°C. The Morning relative humidity recorded was 78 per cent and evening relative humidity was 17 per cent. The average wind speed recorded was 11-15 km per hour and the wind direction were from South West direction.

Weather Summary for Tiruppur district

Past week Summary (10.03.2023 to 13.03.2023)					Ensemble weather forecast valid until 08.30 hrs of 19.03.2023				
Day-1 10/03	Day-2 11/03	Day-3 12/03	Day-4 13/03	Date	Day-1 15/03	Day-2 16/03	Day-3 17/03	Day-4 18/03	Day-5 19/03
0	0	0	0	Rainfall	0	0	0	1	1
34	34	34	34	Max. Temp. (°C)	35	35	34	34	34
21	21	22	22	Mini. Temp. (°C)	22	22	21	21	21
5	4	4	3	Cloud cover (Octa)	1	2	2	4	4
75	74	78	76	RH morning (%)	70	80	80	90	90
17	25	33	27	RH evening (%)	20	20	30	30	40
13	11	12	15	Wind (kmph)	6	4	4	4	6
90	90	70	90	Wind Direction	290	270	290	360	20

Weather forecast for next five days: (15.03.2023 to 19.03.2023)

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be partly cloudy. Light drizzling rainfall is expected on 18.3.23 & 19.3.23. Maximum temperature is expected to be around 34°C to 35°C. Minimum temperature is expected to be around 21°C to 22°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 20 per cent. Average wind speed is expected to be around 6 km per hour and the wind direction will be from South West direction.

Tiruppur District Block Wise Rainfall (mm) for next five days													
Date	Avinashi	Dharapuram	Gudimangalam	Kangeyam	Kundadam	Madathukualm	Mulanur	Palladam	Pongalur	Tiruppur	Udumalpet	Uthukuli	Vellakovil
15-03-2023	0	0	0	0	0	0	0	0	0	0	0	0	0
16-03-2023	0	0	0	0	0	0	0	0	0	0	0	0	0
17-03-2023	0	0	0	0	0	0	0	0	0	0	0	0	0
18-03-2023	0	0	0	0	0	0	0	0	0	0	0	0	0
19-03-2023	0	0	0	0	0	0	0	0	0	0	0	0	0

Agro Advisory

Crop	Stage	Advisory
General		Drizzling is expected with wind speed of 4-6 km/hr in few places of western zone during next five days. The temperature may slightly decrease with increasing cloud cover Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture.
Sesamum	Vegetative	Prevailing high temperature is favourable for the sucking pest incidence in sesame hence farmers are request to monitor the field, if necessary spray any systemic insecticides or 5% Neem Seed Kernel Extract
Vegetables	Vegetative	Since temperature starts increasing, sucking pest like aphids, Thrips, Leaf Minor and Jassids may increases in Vegetable crops. If needed spray 5% Neem Seed Kernal Extract.
Moringa	Flowering & fruiting	The prevailing weather condition is favorable for fruit fly incidence in drumstick may be increasing. Hence, neem oil spray is recommended to control the above pest.
Banana		Under extreme fluctuation of relative humidity between morning and evening, heart rot disease in banana is seen in some places. To control this disease, pour a mixture of 20 g of bleaching powder dissolved in one litre of water followed by another dose ten days later. Enough soil moisture must be available for this soil application of chemicals.

Coconut		<p>Inward basin may be formed around the coconut trees to conserve the summer rain water in root zone.</p> <p>Attack of rhinoceros beetle is being observed in coconut. Remove the tree top debris and keep the naphthalene balls @ 3 to 4 number per tree along with sand.</p>
Animal		<p>Considering the temperature rise, milch animals need mineral mixture and hence 50grams of TANUVAS smart mineral mixture per animal per day may be mixed along with animal feed. Since temperature is rising provide enough drinking water.</p> <p>Prevailing high temperature leads to temperature stress in poultry and hence wetted gunny bags may be hanged in the side walls of the shed.</p>

SMS advisory

- Prevailing weather is favourable for the sucking pest incidence in sesame. If necessary spray any systemic insecticides or 5% Neem Seed Kernel Extract.

**Professor and Head
Principal Nodal Officer (GKMS)
Agro Climate Research Centre**