



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Tiruppur District
Bulletin No.085/2022 Issued on 25.10.2022
(From 26th October 2022 to 30th October 2022)
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 084 (21.10.2022) for Tamil Nadu. Maximum temperature ranged from 30°C to 34°C and minimum temperature ranged from 21°C to 26°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16°C to 20°C and minimum temperature ranged from 9°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Tiruppur District Past Weather

In Tiruppur, during 21.10.22 to 24.10.22 the Maximum temperature was recorded as 31°C to 33°C and the minimum temperature was 21°C to 23°C. The Morning relative humidity recorded was 90 per cent and evening relative humidity was 45 per cent. The average wind speed recorded was 3-11 km per hour and the wind direction were from South West direction.

Weather Summary for Tiruppur district

Past week Summary 21.10.2022 to 24.10.2022					Ensemble weather forecast valid until 08.30 hrs of 30.10.2022				
Day-1 21/10	Day-2 22/10	Day-3 23/10	Day-4 24/10	Date	Day-1 26/10	Day-2 27/10	Day-3 28/10	Day-4 29/10	Day-5 30/10
40.8	3.7	0.3	0.0	Rainfall	0	2	0	2	20
32	31	32	33	Max. Temp. (°C)	33	33	32	32	31
21	22	23	23	Mini. Temp. (°C)	20	20	20	21	21
7	6	6	6	Cloud cover (Octa)	5	3	3	4	6
90	74	84	85	RH morning (%)	70	70	70	75	75
74	45	69	67	RH evening (%)	55	60	55	65	65
3	8	11	7	Wind (kmph)	6	6	6	6	6
90	90	230	200	Wind Direction	70	70	340	340	320

Weather forecast for next five days:(26.10.2022 30.10.2022)

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be mostly cloudy. Light rainfall is expected on 27.10.22, 29.10.22 & 30.10.22. Maximum temperature is expected to be around 31°C to 33°C. Minimum temperature is expected to be around 20°C to 21°C. Morning relative humidity is expected to be around 75 per cent and evening relative humidity is expected to be around 55 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
26-10-2022	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0
27-10-2022	0.3	0.0	0.0	0.5	0.4	0.0	0.1	0.6	0.8	0.7	0.0	0.5	0.2
28-10-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29-10-2022	3.2	0.0	0.0	1.0	0.4	0.0	0.0	3.8	3.3	4.3	0.0	2.9	2.9
30-10-2022	13.0	5.0	2.9	10.0	12.3	0.4	2.1	30.2	27.0	19.9	0.4	15.7	3.1

Agro advisory

Crop	Stage	Advisory
General		Dry days or drizzling alone expected with wind speed of 4 - 6 km/hr is expected in western zone during next five days. Irrigation may be provided based on soil moisture. Fertilizer application and pesticide spraying may be done during non rainy hours.
Maize	Vegetative	By utilizing the rainfall top dressing of 68 kg nitrogen/ ha can be done in irrigated maize of 25 days old.
Pulses	Vegetative	Standing green gram and black gram under irrigated condition would grow with tendrils as a result of excess soil moisture. Clip the tendrils or top the crop.
Cotton	Vegetative and flowering	Cotton may get affected with reddening disease due to continuous rainfall till last week. By utilizing the dry spell, spray mixed solution of 5% Magnesium sulphate + urea 1% + zinc sulphate 0.1% at 50 th and 80 th days of sowing. Considering the dry weather, apply 40 Kg N + 40Kg K ₂ O/ha for irrigated winter Combodia cotton followed by earthing up.
Gourds	Flowering	Prevailing continues rainfall is also favourable for the vegetative growth in gourds at the time flowering. Hence to get more flowers and fruit set application of ethrel @ 100ppm for all gourds expect ribbed gourd where 200ppm is recommended. Two spray may be scheduled at week interval.

Mango		Due to continuous rain till last week, mango tree may put higher vegetative growth and hence spray 1% Potassium nitrate or Paclobutrazol @10gm a. i per tree
Animal		The chance of occurrence of foot and mouth disease in cattle during rainy season is more and therefore vaccination against the disease is warranted. Prevent animal from drinking of stagnated rain water against food contamination. Provide clean and good drinking water to animals.

SMS advisory

- Higher vegetative growth in mango due to continuous rain till last week may be arrested by spraying 1% Potassium nitrate.

**Professor and Head
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