



**Tamil Nadu Agricultural University**  
&  
**India Meteorological Department**  
**Agromet Advisory Bulletin for the Tiruppur District**  
**Bulletin No.083/2023 Issued on 17.10.2023**  
**(From 18<sup>th</sup> October 2023 to 22<sup>nd</sup> October 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 082 (13.10.2023) for Tamil Nadu. Maximum temperature ranged from 31°C to 35°C and minimum temperature ranged from 22°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 20°C and minimum temperature ranged from 09°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

### Tiruppur District Past Weather

In Tiruppur district, during 13.10.23 to 16.10.23 the Maximum temperature was recorded was 32°C to 34°C and the minimum temperature was 22°C to 24°C. The morning relative humidity recorded was 90 per cent and evening relative humidity was 40 per cent. The average wind speed recorded was 8-11 km per hour and the wind direction were from South West direction.

### Weather Summary for Tiruppur district

Past week Summary (13.10.2023 to 16.10.2023)				Ensemble weather forecast valid until 08.30 hrs of 22.10.2023					
Day-1 13/10	Day-2 14/10	Day-3 15/10	Day-4 16/10	Date	Day-1 18/10	Day-2 19/10	Day-3 20/10	Day-4 21/10	Day-5 22/10
0.2	0.0	12.1	19.8	<b>Rainfall</b>	40	10	8	18	15
32	33	34	33	<b>Max. Temp. (°C)</b>	32	32	32	31	31
23	24	22	24	<b>Mini. Temp. (°C)</b>	22	22	22	21	21
6	7	6	7	<b>Cloud cover (Octa)</b>	8	8	8	7	7
83	84	90	83	<b>RH morning (%)</b>	92	92	92	90	90
40	61	53	61	<b>RH evening (%)</b>	65	65	65	62	62
9	11	9	8	<b>Wind (kmph)</b>	10	10	10	8	8
90	200	200	110	<b>Wind Direction</b>	70	70	70	90	90

### Weather forecast for next five days: (18.10.2023 to 22.10.2023)

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be cloudy. Moderate rainfall is expected on next five days. Maximum temperature is expected to be around 31°C to 32°C. Minimum temperature is expected to be around 21°C to 22°C. Morning relative humidity is expected to be around 92 per cent and evening relative humidity is expected to be around 62 per cent. Average wind speed is expected to be around 8-10 km per hour and the wind direction will be from North East 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
18-10-2023	37.0	32.0	35.0	31.0	34.0	34.0	27.0	37.0	36.0	37.0	35.0	36.0	26.0
19-10-2023	7.0	4.0	4.0	6.0	5.0	4.0	3.0	6.0	6.0	7.0	4.0	7.0	4.0
20-10-2023	6.0	7.0	7.0	6.0	7.0	8.0	7.0	6.0	6.0	6.0	8.0	6.0	7.0
21-10-2023	16.0	15.0	16.0	16.0	16.0	16.0	15.0	16.0	16.0	16.0	16.0	16.0	15.0
22-10-2023	13.0	13.0	13.0	14.0	13.0	14.0	12.0	13.0	13.0	13.0	14.0	13.0	13.0

### Agro Advisory

Crop	Stage	Advisory
General		Moderate rainfall is expected during next five days with wind speed of 8-10 km/hr in western zone districts. Areas along the Western Ghats may receive heavy rainfall, hence provide adequate drainage and harvest the excess water to farm ponds. Gap filling and thinning may be done with the expected rainfall to maintain population in rainfed crops.
Blackgram	Vegetative	The 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	Flowering	Prevailing high relative humidity is also favourable for black arm disease in cotton hence farmers are requested to monitor the crop and if necessary, spray mixture of tetracycline 100 gm + copper oxychloride 1200 gm / ha during non rainy day.
Sugarcane	Vegetative	Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Banana	Above 5 months old	Rainfall with wind speed of >8 km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old.

Papaya		Prevailing continues rainfall leads to water stagnation and Phytophthora root rot incidence may appear in papaya. Provide drainage followed by trenching with Bordeaux mixture @ 1%.
Animal Husbandry		Since rainfall is expected drainage in and around cattle and poultry sheds may be provided to avoid water stagnation. Further farmers are requested to safeguard the feed and fodder material from rain soaking. Considering the rainfall and high relative humidity, dry feed may be provided to the animals and poultry against aflatoxin contamination. High relative humidity with 32°C may induce thirst for water in animal. Provide adequate clean drinking water.

**SMS advisory**

- Excess soil moisture may induce tendrils in the standing pulses. Clip the tendrils or top the crop.

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