



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Tiruppur District
Bulletin No.075/2023 Issued on 18.09.2023
(From 19thSeptember 2023 to 23thSeptember 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 074 (15.09.2023) for Tamil Nadu. Maximum temperature ranged from 30°C to 37°C and minimum temperature ranged from 20°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 21°C and minimum temperature ranged from 11°C to 13°C. During this period isolated rainfall was recorded in Tamil Nadu.

Tiruppur District Past Weather

In Tiruppur district, during 15.09.23 to 17.09.23 the Maximum temperature was recorded was 32°C and the minimum temperature was 23°C. The morning relative humidity recorded was 83 per cent and evening relative humidity was 67 per cent. The average wind speed recorded was 20 -23 km per hour and the wind direction were from South West direction.

Weather Summary for Tiruppur district

Past week Summary (15.09.2023 to 17.09.2023)			Ensemble weather forecast valid until 08.30 hrs of 23.09.2023					
Day-1 15/09	Day-2 16/09	Day-3 17/09	Date	Day-1 19/09	Day-2 20/09	Day-3 21/09	Day-4 22/09	Day-5 23/09
0.0	0.0	0.0	Rainfall	7	3	2	3	4
32	32	32	Max. Temp. (°C)	32	31	31	31	30
23	23	24	Mini. Temp. (°C)	23	21	21	21	20
5	7	7	Cloud cover (Octa)	8	7	7	8	7
78	82	83	RH morning (%)	80	70	70	70	70
74	78	67	RH evening (%)	40	30	40	40	40
23	21	20	Wind (kmph)	16	18	20	18	18
230	200	230	Wind Direction	250	250	250	250	250

Weather forecast for next five days: (19.09.2023 to 23.09.2023)

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be cloudy. Light rainfall is expected on next five days. Maximum temperature is expected to be around 30°C to 32°C. Minimum temperature is expected to be around 20°C to 23°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 30 per cent. Average wind speed is expected to be around 16-20km 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	Kangayam	Kundadam	Madathukualm	Mulanur	Palladam	Pongalur	Tiruppur	Udumalpet	Uthukuli	Vellakovil
19-09-2023	5.0	6.0	6.0	5.0	5.0	7.0	6.0	5.0	5.0	5.0	6.0	5.0	6.0
20-09-2023	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	2.0	1.0	1.0
21-09-2023	0.0	2.0	2.0	1.0	1.0	3.0	2.0	0.0	0.0	0.0	3.0	0.0	1.0
22-09-2023	1.0	2.0	2.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	2.0	1.0	1.0
23-09-2023	2.0	2.0	2.0	1.0	1.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	1.0

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall alone is expected with high wind speed of 8 - 20 km/ hr during next five days in western zone districts. The Coimbatore and Tiruppur districts may have very high windspeed (>14km/hr). With the receipt of anticipated rainfall dry lands may be prepared and sown with North East Monsoon crops such as groundnut and millets. Prevailing cloud cover with high relative humidity leads to less water and nutrient absorption. Hence nitrogenous fertilizers may be applied as slow release form to get more nutrient efficiency.
Sorghum	Harvest	Since only light drizzling is expected in forth coming days, sorghum/ millets and groundnut may be harvested and sun dried.
Sugarcane	Vegetative	Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Cotton	Flowering	To avoid the flower shedding in cotton, spray 40 PPM NAA in 60 - 90 days after sowing. (40 mg of NAA dissolved in 1 liter of water will give the concentration of 40 PPM). To arrest the terminal growth nipping the terminal portion of the main stem beyond the 15 th node is advised.
Banana	Above 5 months old	Rain fall with 16-20 km/hour wind speed may cause lodging in banana. Provide support to five months and above old banana. Prevailing cloudy weather with high relative humidity with drizzling is favorable for the sigatoka leaf spot in turmeric hence farmers are requested to monitor the crop and spray if required chlorothalanil @ 2g per liter of water or propiconazole @ 2ml per liter of water.
Animal Husbandry		Water stagnation must be avoided in animal shed against mosquito.

SMS advisory

- Since light drizzling is alone expected in forth coming days, millets and groundnut may be harvested and sun dried.

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