



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Tiruppur District
Bulletin No.053/2023 Issued on 04.07.2023
(From 05th July 2023 to 09th July 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 052 (30.06.2023) for Tamil Nadu. Maximum temperature ranged from 31°C to 40°C and minimum temperature ranged from 21°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 21°C and minimum temperature ranged from 11°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

Tiruppur District Past Weather

In Tiruppur district, during 30.06.23 to 03.07.23 the Maximum temperature was recorded was 31°C to 34°C and the minimum temperature was 22°C to 23°C. The Morning relative humidity recorded was 85 per cent and evening relative humidity was 66 per cent. The average wind speed recorded was 20-22 km per hour and the wind direction were from South West direction.

Weather Summary for Tiruppur district

Past week Summary (30.06.2023 to 03.07.2023)				Ensemble weather forecast valid until 08.30 hrs of 09.07.2023					
Day-1 30/06	Day-2 01/07	Day-3 02/07	Day-4 03/07	Date	Day-1 05/07	Day-2 06/07	Day-3 07/07	Day-4 08/07	Day-5 09/07
0.0	0.0	0.0	0.6	Rainfall	25	22	21	3	4
32	31	34	34	Max. Temp. (°C)	31	30	30	29	29
23	22	23	23	Mini. Temp. (°C)	22	21	20	20	20
6	5	6	7	Cloud cover (Octa)	8	8	8	8	8
68	76	69	85	RH morning (%)	80	80	80	70	70
70	69	66	74	RH evening (%)	50	70	50	50	50
20	22	20	22	Wind (kmph)	14	16	14	16	16
230	200	230	230	Wind Direction	250	250	250	250	250

Weather forecast for next five days: (05.07.2023 to 09.07.2023)

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be cloudy. Moderate to Heavy rainfall is expected on next five days. Maximum temperature is expected to be around 29°C to 31°C. Minimum temperature is expected to be around 20°C to 22°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 50 per cent. Average wind speed is expected to be around 14-16 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	Madathukualim	Mulanur	Palladam	Pongalur	Tiruppur	Udumalpet	Uthukuli	Vellakovil
05-07-2023	24.0	34.0	43.0	25.0	30.0	55.0	27.0	26.0	25.0	23.0	57.0	23.0	24.0
06-07-2023	20.0	22.0	27.0	19.0	21.0	31.0	18.0	21.0	20.0	20.0	32.0	19.0	16.0
07-07-2023	17.0	14.0	17.0	14.0	15.0	19.0	11.0	17.0	17.0	18.0	20.0	17.0	10.0
08-07-2023	1.0	4.0	6.0	2.0	3.0	7.0	3.0	2.0	2.0	1.0	7.0	1.0	2.0
09-07-2023	2.0	6.0	9.0	3.0	4.0	12.0	4.0	3.0	3.0	2.0	13.0	2.0	3.0

Agro Advisory

Crop	Stage	Advisory
General		Moderate to Heavy rainfall is expected with wind speed of 8 - 16 km/hr in Western Zone districts during next five days. Moderate to heavy rainfall is expected. Irrigation and spraying operations may be postponed and provide adequate drainage. Harvest the excess water safely in Farm Ponds.
Sorghum	Vegetative	By utilizing the rainfall, apply urea 50 kg/ha as nitrogen fertilizer to the rain fed sorghum crop.
Maize	Sowing	By utilizing expected rainfall sowing of maize with imidacloprid 70S seed treatment @ 10g/kg seed is advised.
Groundnut	Vegetative	Considering the anticipated rainfall gypsum @ 400 kg/ha may be incorporated in the 40 days old groundnut crop.
Sugarcane	Vegetative	Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging. Late season sugarcane planting can be continued and if already planted, gap filling may be done.
Banana	Above 5 months old	Rain fall with 14-16 km/hour wind speed may cause lodging in banana. Providing support to five months and above old banana.
Animal Husbandry		Due to windiness, flies population will be more in animal shed. Provide adequate cleaning and sprinkle potassium permanganate solution three times a day.

SMS advisory

- Moderate rainfall with heavy wind is expected. Irrigation may be postponed and provide adequate drainage. Provide support to banana against lodging.

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