



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Tiruppur District
Bulletin No.040/2024 Issued on 17.05.2024
(From 18th May 2024 to 22nd May 2024)
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 039 (14.05.2024) for Tamil Nadu. Maximum temperature ranged from 35°C to 39°C and minimum temperature ranged from 23°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 19°C to 23°C and minimum temperature ranged from 12°C to 14°C. During this period occurred rainfall was recorded in Tamil Nadu.

Tiruppur District Past Weather

In Tiruppur district, during 14.05.2024 to 16.05.2024 the Maximum temperature was recorded was 34°C to 36°C the minimum temperature was 23°C to 24°C. The morning relative humidity recorded was 87 per cent and evening relative humidity was 50 per cent. The average wind speed recorded was 6-17 km per hour and the wind direction were from East direction.

Weather Summary for Tiruppur district

Past Week Summary (14.05.2024 to 16.05.2024)			Ensemble weather forecast valid until 08.30 hrs of 22.05.2024					
Day-1 14/04	Day-2 15/05	Day-3 16/05	Date	Day-1 18/05	Day-2 19/05	Day-3 20/05	Day-4 21/05	Day-5 22/05
10.3	8.2	8.3	Rainfall	31	25	29	30	34
34	34	36	Max. Temp. (°C)	34	32	31	30	30
24	23	24	Mini. Temp. (°C)	24	23	22	21	21
7	7	7	Cloud cover (Octa)	8	8	8	8	8
76	87	83	RH morning (%)	70	80	80	80	80
61	56	50	RH evening (%)	50	50	50	50	60
17	15	6	Wind (kmph)	16	16	14	8	16
230	340	200	Wind Direction	270	270	250	250	250

Weather forecast for next five days: (18.05.2024 to 22.05.2024)

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be mostly cloudy. Moderate to heavy rainfall expected on next 5 days. Maximum temperature is expected to be around 30°C to 34°C. Minimum temperature is expected to be around 21°C to 24°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 8-16 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	Madathukualm	Mulanur	Palladam	Pongalur	Tiruppur	Udumalpet	Uthukuli	Vellakovil
18-05-2024	27.0	22.0	25.0	22.0	24.0	25.0	18.0	27.0	26.0	28.0	26.0	26.0	16.0
19-05-2024	23.0	23.0	24.0	23.0	23.0	23.0	21.0	23.0	23.0	23.0	23.0	23.0	21.0
20-05-2024	25.0	21.0	24.0	20.0	23.0	24.0	17.0	25.0	25.0	26.0	24.0	25.0	15.0
21-05-2024	27.0	25.0	31.0	22.0	26.0	35.0	19.0	27.0	27.0	27.0	37.0	26.0	17.0
22-05-2024	30.0	35.0	37.0	29.0	32.0	46.0	34.0	30.0	30.0	31.0	46.0	30.0	30.0

Agro Advisory

Crop	Stage	Advisory
General		Moderate to heavy Rainfall is expected during this week in all three western zone districts. The wind speed will be between 6 - 16 km/hr. Irrigation may be postponed based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture. Plan for summer ploughing against the slope with soil inverting type ploughs. Excess rain may be harvested safely in farm ponds. Continuous rainfall is predicted. Postpone irrigation, fertilizer application and sowing.
Sugarcane	Vegetative	Considering the local circulation due to increased temperature and expected summer rains, provide propping to the sugarcane by tying opposite row to prevent from lodging. With the receipt of rainfall, late season sugarcane setts may be planted with proper drainage.
Tapioca		By utilizing the received and anticipated rainfall harvest may be programmed in Tapioca.
Coconut		Summer rains during next two months may be harvested in root zone of coconut by deepening the tree basin with inward slopes. Till then, ensure to provide 100 liters of water per tree per day to maintain the productivity.
Animal Husbandry		Rain is expected during this week. Check the roofs of animal shed and repair leakages.

SMS advisory

- Continuous rainfall is predicted. Postpone irrigation, sowing, pesticide spray and fertilizer application.

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