



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Tiruppur District
Bulletin No.048/2023 Issued on 16.06.2023
(From 17th June 2023 to 21th June 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 047 (13.06.2023) for Tamil Nadu. Maximum temperature ranged from 34°C to 41°C and minimum temperature ranged from 23°C to 30°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 20°C to 22°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 13.06.23 to 15.06.23 the Maximum temperature was recorded as 34°C and the minimum temperature was 23°C to 24°C. The Morning relative humidity recorded was 77 per cent and evening relative humidity was 60 per cent. The average wind speed recorded was 17-22 km per hour and the wind direction were from South West direction.

Weather Summary for Tiruppur district

| Past week Summary (13.06.2023 to 15.06.2023) | | | Ensemble weather forecast valid until 08.30 hrs of 21.06.2023 | | | | | |
|---|----------------|----------------|--|----------------|----------------|----------------|----------------|----------------|
| Day-1 09/06 | Day-2 10/06 | Day-3 11/06 | Date | Day-1 17/06 | Day-2 18/06 | Day-3 19/06 | Day-4 20/06 | Day-5 21/06 |
| 0.1 | 0.0 | 0.0 | Rainfall | 2 | 6 | 24 | 18 | 8 |
| 34 | 34 | 34 | Max. Temp. (°C) | 36 | 36 | 35 | 35 | 34 |
| 23 | 24 | 23 | Mini. Temp. (°C) | 24 | 24 | 23 | 23 | 22 |
| 5 | 6 | 5 | Cloud cover (Octa) | 4 | 8 | 8 | 8 | 8 |
| 70 | 77 | 75 | RH morning (%) | 70 | 70 | 80 | 90 | 80 |
| 60 | 52 | 57 | RH evening (%) | 30 | 30 | 50 | 70 | 60 |
| 20 | 22 | 17 | Wind (kmph) | 16 | 14 | 8 | 13 | 14 |
| 200 | 230 | 230 | Wind Direction | 270 | 250 | 250 | 266 | 250 |

Weather forecast for next five days: (17.06.2023 to 21.06.2023)

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be cloudy. Light to moderate rainfall is expected on next five days. Maximum temperature is expected to be around 34°C to 36°C. Minimum temperature is expected to be around 22°C to 24°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 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 | Madathukualim | Mulanur | Palladam | Pongalur | Tiruppur | Udumalpet | Uthukuli | Vellakovil |
| 17-06-2023 | 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 |
| 18-06-2023 | 4.0 | 6.0 | 7.0 | 4.0 | 5.0 | 10.0 | 5.0 | 4.0 | 4.0 | 4.0 | 10.0 | 4.0 | 4.0 |
| 19-06-2023 | 20.0 | 19.0 | 20.0 | 19.0 | 19.0 | 21.0 | 17.0 | 20.0 | 20.0 | 21.0 | 22.0 | 21.0 | 17.0 |
| 20-06-2023 | 17.0 | 24.0 | 26.0 | 20.0 | 21.0 | 31.0 | 24.0 | 17.0 | 18.0 | 16.0 | 31.0 | 17.0 | 22.0 |
| 21-06-2023 | 6.0 | 9.0 | 11.0 | 8.0 | 8.0 | 13.0 | 7.0 | 7.0 | 7.0 | 6.0 | 14.0 | 6.0 | 7.0 |

Agro Advisory

| Crop | Stage | Advisory |
|-----------|--------------------|--|
| General | | Light to moderate rainfall is expected with wind speed of 6 - 16 km/hr in Western zone during next five days. Wind speed of Tiruppur district may go up to 16 km/hr. As rainfall is expected in the coming days, irrigation may be postponed to all crops. Provide adequate drainage to all crops. Excess rain water may be drained to farm pond and use for supplemental irrigation. |
| Maize | Sowing | By utilizing expected rainfall sowing of maize with imidacloprid 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. |
| Tomato | Planting | It is right time for planting of Tomato in main field. |
| Banana | Above 5 months old | Light rain fall with 6-16 km/hour wind speed may cause lodging in banana. Providing support to five months and above old banana. |
| Animal | | Do not allow the animals to graze on newly grown grasses, due to the receipt of last week rain. Due to low evening humidity, provide 80-100 liter drinking water to the livestock in four splits. |

SMS advisory

- Rainfall is expected irrigation may be postponed. Excess rainwater may be drained to farm pond and use for supplemental irrigation.

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