



**Tamil Nadu Agricultural University**  
&  
**India Meteorological Department**  
**Agromet Advisory Bulletin for the Tiruppur District**  
**Bulletin No.0013/2023 Issued on 14.02.2023**  
**(From 15<sup>th</sup> February 2023 to 19<sup>th</sup> February 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 012 (10.02.2023) for Tamil Nadu. Maximum temperature ranged from 30°C to 35°C and minimum temperature ranged from 17°C to 21°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 25°C and minimum temperature ranged from 7°C to 9°C. During this period isolated no rainfall was recorded in Tamil Nadu.

### Tiruppur District Past Weather

In Tiruppur district, 10.02.23 to 13.02.23 the Maximum temperature was recorded as 33°C to 34°C and the minimum temperature was 17°C to 19°C. The Morning relative humidity recorded was 67 per cent and evening relative humidity was 18 per cent. The average wind speed recorded was 8-12 km per hour and the wind direction were from South West direction.

### Weather Summary for Tiruppur district

Past week Summary (10.02.2023 to 13.02.2023)					Ensemble weather forecast valid until 08.30 hrs of 19.02.2023				
Day-1 10/02	Day-2 11/02	Day-3 12/02	Day-4 13/02	Date	Day-1 15/02	Day-2 16/02	Day-3 17/02	Day-4 18/02	Day-5 19/02
0	0	0	0	<b>Rainfall</b>	0	0	0	0	0
33	34	34	34	<b>Max. Temp. (°C)</b>	34	34	35	35	35
19	18	19	17	<b>Mini. Temp. (°C)</b>	18	19	19	19	20
4	5	4	3	<b>Cloud cover (Octa)</b>	0	0	0	0	0
67	52	52	45	<b>RH morning (%)</b>	60	60	70	60	70
20	21	18	20	<b>RH evening (%)</b>	20	20	20	20	20
11	8	9	12	<b>Wind (kmph)</b>	4	8	8	8	4
70	90	90	90	<b>Wind Direction</b>	50	50	70	90	90

### Weather forecast for next five days: (15.02.2023 to 19.02.2023)

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be partly cloudy. Dry weather is expected on next five days. Maximum temperature is expected to be around 34°C to 35°C. Minimum temperature is expected to be around 18°C to 20°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 20 per cent. Average wind speed is expected to be around 4-8 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	Madathukualim	Mulanur	Palladam	Pongalur	Tiruppur	Udumalpet	Uthukuli	Vellakovil
15-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0
16-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0
17-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0
18-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0
19-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0

### Agro Advisory

Crop	Stage	Advisory
General		Clear sky and dry days with wind speed of 4-10 km/hr is expected in western zone during next five days. Temperature is increasing. Dry days are continued. Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture. By utilizing dry weather harvested produce may be dried and stored properly.
Rice	Harvest	Since the maximum temperature is around 34°C, sun dry the harvested samba paddy between 9 – 11 AM and between 3 - 5 PM
Sesamum		Since temperature starts rising sowing of sesame may be sown from February 15 <sup>th</sup> onwards. To control the weed germination after sowing for summer irrigated sesame, stale bed preparation may be done followed by sowing.
Sugarcane	Vegetative	Since dry weather is continuing, early shoot borer incidence in sugarcane may be increased. Hence farmers are requested to provide frequent irrigation to keep the field wet and do mulching.
Banana	Planting	Dry wind with 4- 10 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support. Panama wilt disease seen in some of the banana plantations. Uproot and destroy severely affected plants. Apply lime at 1 – 2 kg in the pits after removal of the affected plants. In the field, Panama wilt disease can be prevented by corm injection methods. A small portion of soil is removed to expose the upper portion of the corm. An oblique hole at 45° angle is made to a depth of 10 cm. Immediately, a gelatin capsule containing 60 mg of Carbendazim or 3 ml of 2 % Carbendazim solution or of 50 mg of <i>Pseudomonas fluorescens</i> is inserted / injected into the hole with the help of ‘corm injector’ on 2nd, 4th and 6 <sup>th</sup> month after planting. Application of press mud at 5 kg per tree reduces the wilt incidence.

Cucurbits	Vegetative Flowering	To encourage more female flower in cucurbits, spray Ethrel 100 ppm (1 ml in 10 lit of water) four times from 10 to 15 days after sowing at weekly intervals when sufficient moisture is available.
Animal		Provide clean drinking water to animals and poultry enough to meet the hot dry weather.

**SMS advisory**

- Since temperature starts rising sowing of sesame may be sown from February 15<sup>th</sup> onwards.

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