



**Tamil Nadu Agricultural University**  
&  
**India Meteorological Department**  
**Agromet Advisory Bulletin for the Tiruppur District**  
**Bulletin No.0014/2023 Issued on 17.02.2023**  
**(From 18<sup>th</sup> February 2023 to 22<sup>nd</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 013 (14.02.2023) for Tamil Nadu. Maximum temperature ranged from 30°C to 37°C and minimum temperature ranged from 19°C to 23°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 26°C and minimum temperature ranged from 7°C to 8°C. During this period isolated no rainfall was recorded in Tamil Nadu.

**Tiruppur District Past Weather**

In Tiruppur district, during 14.02.23 to 16.02.23 the Maximum temperature was recorded as 33°C to 34°C and the minimum temperature was 18°C to 19°C. The Morning relative humidity recorded was 61 per cent and evening relative humidity was 21 per cent. The average wind speed recorded was 11-14 km per hour and the wind direction were from South West direction.

**Weather Summary for Tiruppur district**

Past week Summary (14.02.2023 to 16.02.2023)				Ensemble weather forecast valid until 08.30 hrs of 22.02.2023				
Day-1 14/02	Day-2 15/02	Day-3 16/02	Date	Day-1 18/02	Day-2 19/02	Day-3 20/02	Day-4 21/02	Day-5 22/02
0	0	0	<b>Rainfall</b>	0	0	0	0	0
34	33	34	<b>Max. Temp. (°C)</b>	33	34	34	35	35
18	19	19	<b>Mini. Temp. (°C)</b>	19	19	20	20	20
4	3	3	<b>Cloud cover (Octa)</b>	0	0	0	0	0
42	61	60	<b>RH morning (%)</b>	70	80	80	70	70
22	21	25	<b>RH evening (%)</b>	20	20	30	20	20
11	14	12	<b>Wind (kmph)</b>	4	4	4	8	8
90	90	90	<b>Wind Direction</b>	20	70	70	20	20

**Weather forecast for next five days: (18.02.2023 to 22.02.2023)**

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 33°C to 35°C. Minimum temperature is expected to be around 19°C to 20°C. Morning relative humidity is expected to be around 80 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	Kangayam	Kundadam	Madathukualm	Mulanur	Palladam	Pongalur	Tiruppur	Udumalpet	Uthukuli	Vellakovil
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
20-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0
21-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0
22-02-2023	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.

Mango		<p>Considering the dry weather, if mango tree doesn't have flowers at this time. Spray either 0.5% urea (5g/litre) or 1% Potassium nitrate (10g/litre) to induce flowering under sufficient soil moisture.</p> <p>If mango has flowers, to increase fruit set and retardation of fruit, spray 2% Potassium nitrate, when sufficient soil moisture is available.</p>
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		<p>Provide clean drinking water to animals and poultry enough to meet the hot dry weather.</p> <p>Due to prevailing weather ranikot disease in poultry especially backyard poultry may be expected hence suitable vaccination is advised from nearby veterinary hospital.</p> <p>Considering the rising maximum temperature and high morning relative humidity, it is proposed give Foot and Mouth diseases vaccination to all cattle's and buffalo</p>

**SMS advisory**

- Considering the prevailing dry weather, harvested turmeric may be processed for marketing.

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