



## Agro-Met Advisory Bulletin for the Tiruppur District

Forecast Period: 10<sup>th</sup> May 2017 to 14<sup>th</sup> May 2017

Issued jointly by TNAU and IMD



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Weather Summary for the period since the issue of last bulletin 036 (05.05.2017) for Tamil Nadu.

Maximum temperature ranged from 32°C to 41°C and minimum temperature ranged around 21°C to 29°C did prevail over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 20°C to 25°C and minimum temperature ranged from 11°C to 14°C during the period. Isolated rainfall was recorded in Tamil Nadu.

### Past weather Summary for Tiruppur district

Cloud Cover (Octa)	4-5
Rainfall (mm)	4.0
Maximum temperature(°C)	37-38
Minimum temperature (°C)	23-26
Morning relative humidity (%)	64-74
Evening relative humidity (%)	33-48
Wind speed (Kmph)	6-12

### Weather forecast for next five days: 10.05.2017 to 14.05.2017

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be mostly cloudy. Rainfall is expected for next four days. Maximum temperature is expected to be around 37°C to 38°C and minimum temperature is expected to be around 25°C to 26°C. Morning relative humidity is expected to be around 75 per cent and evening relative humidity is expected to be 40 to 45 per cent. Average wind speed is expected to be around 14 -16 km per hour and the wind direction will be from south direction.

Date	Rainfall (mm)	MaxTemp. (°C)	Min Temp. (°C)	Total Cloud cover (octa)	MaxRH (%)	Min RH (%)	Wind speed (kmph)	Wind direction (deg)
10.05.17	2	38	26	5	75	40	16	160
11.05.17	4	38	26	5	75	40	16	160
12.05.17	8	38	26	5	75	40	16	160
13.05.17	2	37	25	5	75	45	14	180
14.05.17	0	37	25	5	75	45	14	180

## Crop Stages at Tiruppur

Blocks	Sugar cane	Rice	Turmeric	Irrigated Maize	Cotton
Avinashi	V	M	LP	V	BP
Kankayam	V	M	LP	V	BP
Madathukulam	V	M	LP	V	BP
Gudimangalam	V	M	LP	V	BP
Palladam	V	M	LP	V	BP
Dharapuram	V	M	LP	V	BP
Udumalpet	V	M	LP	V	BP

V-Vegetative; M-Maturity; BP-Boll picking; LP-Land preparation

### Agro Advisory

- ✓ There is a chance to get summer rainfall around 40 to 50 mm in next 3 days at Coimbatore and Tiruppur district. Hence, summer ploughing may be given to both dryland and irrigated fallow land.
- ✓ Provide inward ring basin around coconut and fruit tree crops to harvest rainwater.
- ✓ Rain is expected with increased wind speed, hence provide adequate support to Banana above 5 months old and propping in Sugarcane is recommended.
- ✓ Considering the favourable soil temperature, turmeric rhizome may be done after land preparation. Considering the turmeric requirement 100kg Fe so<sub>4</sub> + 50 kg Znso<sub>4</sub>+ 1 ton of composed coir waste can be applied as basal application before sowing mother rhizomes.

### SMS advisory

- ✓ Rain is expected with increased wind speed of >10km/hour, hence provide adequate support to Banana above 5 months old and propping in Sugarcane is recommended.

**Professor and Head  
Agro Climate Research Centre**