



# Tamil Nadu Agricultural University

&

India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.028/2023 Issued on 06.04.2023

(From 07<sup>th</sup> April 2023 to 11<sup>th</sup> April 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 027 (03.04.2023) for Tamil Nadu. Maximum temperature ranged from 34°C to 38°C and minimum temperature ranged from 23°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 22°C and minimum temperature ranged from 10°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

## Coimbatore District Past Weather

In Coimbatore district, during 03.04.23 to 05.04.23 the Maximum temperature was recorded as 34°C to 37°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 26 per cent. The average wind speed recorded was 6-12 km per hour and the wind direction were from South West direction.

## Weather Summary for Coimbatore district

Past week Summary (03.04.2023 to 05.04.2023)			Date	Ensemble weather forecast valid until 08.30 hrs of 11.04.2023				
Day-1 03/04	Day-2 04/04	Day-3 05/04		Day-1 07/04	Day-2 08/04	Day-3 09/04	Day-4 10/04	Day-5 11/04
18.8	4.2	2.6	Rainfall	3	0	0	2	3
35	37	34	Max. Temp. (°C)	37	37	38	38	38
23	24	23	Mini. Temp. (°C)	25	25	26	26	26
5	6	5	Cloud cover (Octa)	6	8	1	2	4
76	77	71	RH morning (%)	70	70	80	80	80
40	66	26	RH evening (%)	30	30	30	30	30
12	5	6	Wind (kmph)	6	6	4	4	4
200	180	180	Wind Direction	320	270	250	270	270

## Weather forecast for next five days: (07.04.2023 to 11.04.2023)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Drizzling rainfall is expected on 7.4.23,10.4.23 & 11.4.23. Maximum temperature is expected to be around 37°C to 38°C. Minimum temperature is expected to be around 25°C to 26°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 4-6 km per hour and the wind direction will be from North West direction.

Coimbatore District Block Wise Rainfall (mm) for next five days												
Date	Anamalai	Annur	Karamadai	Kinathukadavu	Madukkarai	PN Palayam	Pollachi North	Pollachi South	Sarcarasamakulam	Sultanpet	Sulur	Thondamuthur
07-04-2023	20.0	4.0	4.0	9.0	5.0	3.0	15.0	15.0	3.0	5.0	3.0	7.0
08-04-2023	13.0	0.0	1.0	4.0	1.0	0.0	9.0	9.0	0.0	1.0	0.0	2.0
09-04-2023	4.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0
10-04-2023	17.0	2.0	3.0	7.0	3.0	2.0	13.0	13.0	1.0	3.0	1.0	5.0
11-04-2023	23.0	4.0	5.0	10.0	5.0	3.0	17.0	17.0	3.0	6.0	3.0	7.0

### Agro Advisory

Crop	Stage	Advisory
General		Drizzling rainfall and increase in temperature is expected with wind speed of 4-6 km/hr in Western zone during next five days. Provide irrigation based on soil moisture and apply mulches to conserve moisture.
Rice	Flowering	Prevailing weather is favourable for the sucking pests in standing Navarai season rice. Spray Thiamethoxam 25 WG @ 100 g/hectare.
Cumbu	Sowing	By utilizing the rainfall, irrigated Cumbu may be sown or seedlings may be transplanted, followed by irrigation if requires.
Banana	Above 5 months old	Considering the high maximum and minimum temperature and reduced evening relative humidity converged local wind may occur between 2 to 3 pm. Provide propping and support to the banana of more than five months old.
Mango		Weather is favourable for hopper pest damage in Mango flowers. Spray Thiamethoxam 1.0 g in 10 litre of water.
Tapioca	Planting	Prevailing hot weather situation is favourable for spiraling white fly in tapioca and hence farmers are requested to the monitor the crop if require spray Triazophos @ 2 ml per litre of water.

Papaya		Prevailing weather condition is conducive for the mealy bug attack in tapioca and papaya. Hence farmers are requested to monitor the crop and if required spray neem oil 2% or neem seed kernel extract @ 5% or Profenophos @ 2ml /liter of water.
Jasmine	Flowering	Prevailing weather condition is favourable for mite attack in jasmine and tapioca hence farmers are requested to monitor the crop if require spray wettable Sulphur @ 2.5 g per litre of water
Coconut		Inward basin may be formed around the coconut trees to conserve the summer rain water in root zone.
Animal		<p>Since high temperature is expected, poultry farmers are requested to reduce the temperature by hanging wetted gunny bags or sprinkling the water over the sheds.</p> <p>Due to high temperature and low relative humidity, provide frequent and sufficient quantity of good quality water to animals and poultry.</p> <p>Summer rain may be accompanied with lightning and thunders. Keep the animals in the shed and avoid tying under the trees or open condition.</p>

#### **SMS advisory**

- Heat stress may be due to high temperature and low relative humidity. Hence, provide frequent and sufficient quantity of good quality water to animals and poultry.

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