



# Tamil Nadu Agricultural University

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## India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.027/2024 Issued on 02.04.2024

(From 03<sup>rd</sup> April 2024 to 07<sup>th</sup> April 2024)

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 026 (28.03.2024) for Tamil Nadu. Maximum temperature ranged from 34°C to 39°C and minimum temperature ranged from 24°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 20°C to 27°C and minimum temperature ranged from 10°C to 13°C. During this period no rainfall was recorded in Tamil Nadu.

### Coimbatore District Past Weather

In Coimbatore district, during 28.03.2024 to 01.04.2024 the Maximum temperature was recorded was 36°C to 38°C and the minimum temperature was 24°C to 25°C. The morning relative humidity recorded was 76 per cent and evening relative humidity was 16 per cent. The average wind speed recorded was 6-12 km per hour and the wind direction were from East direction.

### Weather Summary for Coimbatore district

Past week Summary (28.03.2024 to 01.04.2024)					Ensemble weather forecast valid until 08.30 hrs of 07.04.2024					
Day-1 28/03	Day-2 29/03	Day-3 30/03	Day-4 31/03	Day-5 01/04	Date	Day-1 03/04	Day-2 04/04	Day-3 05/04	Day-4 06/04	Day-5 07/04
0.0	0.0	0.0	0.0	0.0	Rainfall	1	0	0	0	0
36	37	38	38	37	Max. Temp. (°C)	38	37	38	38	38
24	25	24	24	25	Mini. Temp. (°C)	25	25	24	25	25
4	4	3	3	4	Cloud cover (Octa)	5	3	1	3	4
72	76	64	60	67	RH morning (%)	80	80	80	80	80
42	36	16	28	26	RH evening (%)	20	20	20	20	20
10	9	12	8	6	Wind (kmph)	10	10	10	12	10
70	90	90	50	50	Wind Direction	250	250	250	230	250

### Weather forecast for next five days: (03.04.2024 to 07.04.2024)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be clear. Light rainfall expected on 03.04.2024. Maximum temperature is expected to be around 37°C to 38°C. Minimum temperature is expected to be around 24°C to 25°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 10-12 km per hour and the wind direction will be from South West direction.

Coimbatore District Block Wise Rainfall(mm) for next five days												
Date	Anamalai	Annur	Karamadai	Kinathukadavu	Madukkarai	PN Palayam	Pollachi North	Pollachi South	Sarcarsamakulam	Sultanpet	Sulur	Thondamuthur
03-04-2024	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04-04-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05-04-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06-04-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07-04-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

### Agro Advisory

Crop	Stage	Advisory
General		<p>Dry days with clear sky is expected during next week with wind speed of 6-12 km/hr in western zone districts.</p> <p>The temperature may be increased 1-2°C from the normal. Interior districts may get maximum temperature of &gt;39°C.</p> <p>Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture.</p> <p>In case of limited irrigation water, dust mulch (top layer to a depth of 2-3cm may be stirred well) to avoid moisture stress condition.</p>
Cumbu		Considering the dry weather, land preparation may be done to sow irrigated bajra during first week of April.
Vegetables	Vegetative	Since temperature starts increasing sucking pest like leaf minor, jassids may be increased. Hence spray 5% neem seed kernel extract as prophylactic spray.
Banana		Considering the high maximum and minimum temperature and reduced evening relative humidity converged local wind may occur between 2 to 3 pm. Provide propping to the banana of more than five months old.

Coconut		Summer rains during next two months may be harvested in root zone of coconut by deepening the tree basin with inward slopes. Till then, ensure to provide 100 liters of water per tree per day to maintain the productivity.
Animal Husbandry		Increasing temperature and decreasing relative humidity may cause discomfort to the animals. Hence, provide clean water to both animals and poultry. Hang wet gunny bags around the animal shed to reduce the temperature. Do not allow animals for grazing during mid day.

**SMS advisory**

- The temperature may be increased 1-2°C from the normal. Interior districts may get maximum temperature of >39°C. Protect animal from heat stress.

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