



# Tamil Nadu Agricultural University

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## India Meteorological Department

### Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.035/2024 Issued on 30.04.2024

(From 01<sup>st</sup> May 2024 to 05<sup>th</sup> May 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 034 (26.04.2024) for Tamil Nadu. Maximum temperature ranged from 34°C to 42°C and minimum temperature ranged from 23°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 21°C to 29°C and minimum temperature ranged from 13°C to 14°C. During this period occurred rainfall was recorded in Tamil Nadu.

### Coimbatore District Past Weather

In Coimbatore district, during 26.04.2024 to 29.04.2024 the Maximum temperature was recorded was 39°C to 40°C the minimum temperature was 26°C to 27°C. The morning relative humidity recorded was 54-63 per cent and evening relative humidity was 20-23 per cent. The average wind speed recorded was 8-12 km per hour and the wind direction were from East direction.

### Weather Summary for Coimbatore district

Past Week Summary (26.04.2024 to 29.04.2024)				Ensemble weather forecast valid until 08.30 hrs of 05.05.2024					
Day-1 26/04	Day-2 27/04	Day-3 28/04	Day-4 29/04	Date	Day-1 01/05	Day-2 02/05	Day-3 03/05	Day-4 04/05	Day-5 05/05
0.0	0.0	0.0	0.0	Rainfall	3	1	4	7	3
40	39	39	39	Max. Temp. (°C)	39	39	38	37	37
27	26	26	27	Mini. Temp. (°C)	24	24	23	23	24
4	4	4	5	Cloud cover (Octa)	6	3	3	5	7
62	60	63	54	RH morning (%)	80	80	80	80	80
23	21	23	20	RH evening (%)	30	30	40	40	40
9	12	8	12	Wind (kmph)	12	12	14	14	14
90	90	70	110	Wind Direction	250	250	250	250	250

### Weather forecast for next five days: (01.05.2024 to 05.05.2024)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be clear. Light rainfall expected on next 5 days. Maximum temperature is expected to be around 37°C to 39°C. Minimum temperature is expected to be around 23°C to 24°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 30-40 per cent. Average wind speed is expected to be around 12-14 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
01-05-2024	1.0	0.0	0.0	1.0	1.0	0.0	1.0	1.0	0.0	0.0	0.0	1.0
02-05-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03-05-2024	1.0	2.0	3.0	1.0	1.0	2.0	1.0	1.0	1.0	0.0	1.0	1.0
04-05-2024	2.0	3.0	5.0	3.0	4.0	4.0	3.0	3.0	4.0	3.0	3.0	4.0
05-05-2024	3.0	4.0	5.0	2.0	2.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0

### Agro Advisory

Crop	Stage	Advisory
General		<p>Dry days are expected with wind speed of 10-18 km/hr. High temperature (up to 42°C) with dry weather is expected during the afternoon hours (12.00 to 3 PM). Hence, farmers are advised to avoid working during the hours.</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>Plan for summer ploughing against the slope with soil inverting type ploughs.</p>
Sugarcane	Vegetative	Considering the local circulation due to increased temperature and expected summer rains, provide propping to the sugarcane by tying opposite row to prevent from lodging.
Banana	Fruit Formation	Considering the local circulation due to increased temperature and expected summer rains, provide propping to the banana of more than five months old to prevent from lodging.
Coconut	Harvest	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		<p>Increasing temperature and decreasing relative humidity may cause discomfort to the animals. Hence, provide clean water to both animals and poultry.</p> <p>Application of water over the sheds of the cattle and poultry will reduce the heat stress or even hanging of wetted gunny bags will also reduce the temperature to a considerable extent.</p> <p>To avoid the heat stress, feed the animal during early morning or late evening hours.</p>
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**SMS Advisory**

- Increasing temperature and decreasing relative humidity may cause discomfort to the animals. Hence, provide clean water to both animals and poultry.

**Professor and Head  
Principal Nodal Officer (GKMS)  
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