



## Tamil Nadu Agricultural University

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## India Meteorological Department

### Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.026/2025 Issued on 01.04.2025

(From 02<sup>nd</sup> April 2025 to 06<sup>th</sup> April 2025)

Issued jointly by Agro Climate Research Centre, TNAU



### Past Weather for Tamil Nadu

Weather Summary for the period since the issue of last bulletin 025 (28.03.2025) for Tamil Nadu. Maximum temperature ranged from 32°C to 41°C and minimum temperature ranged from 20°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 22°C to 26°C and minimum temperature ranged from 10°C to 13°C. During this period occurred rainfall was no recorded in Tamil Nadu.

### Coimbatore District Past Weather

In Coimbatore district, during 28.03.2025 to 31.03.2025 the Maximum temperature was recorded 36°C to 38°C and minimum temperature was 22°C to 25°C. The morning relative humidity recorded was 78% and evening relative humidity was 24%. The average wind speed recorded was 09-13 km per hour and the wind directions were from East direction.

### Weather Summary for Coimbatore district

Past Week Summary (28.03.2025 to 31.03.2025)				Ensemble weather forecast valid until 08.30 hrs of 06.04.2025					
Day-1 28/03	Day-2 29/03	Day-3 30/03	Day-4 31/03	Date	Day-1 02/04	Day-2 03/04	Day-3 04/04	Day-4 05/04	Day-5 06/04
0.0	0.0	0.0	0.0	<b>Rainfall</b>	0	5	43	26	24
36	38	38	37	<b>Max. Temp. (° C)</b>	36	36	35	34	33
25	25	23	22	<b>Mini. Temp. (° C)</b>	24	23	23	22	21
5	4	3	3	<b>Cloud cover (Octa)</b>	2	8	8	8	8
77	78	52	71	<b>RH Morning (%)</b>	70	80	90	80	80
29	24	25	26	<b>RH Evening (%)</b>	40	50	60	50	50
6	12	13	9	<b>Wind (kmph)</b>	6	6	6	6	8
90	90	90	90	<b>Wind Direction</b>	290	290	270	250	250

### Weather forecast for next five days: (02.04.2025 to 06.04.2025)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be Cloudy. Moderate to heavy rainfall is expected on 03.04.25 to 06.04.25. Maximum temperature is expected to be around 33°C to 36°C. Minimum temperature is expected to be around 21°C to 24°C. Morning relative humidity is expected to be around 90% and evening relative humidity is expected to be around 40%. Average wind speed is expected to be around 06-08 km per hour and the wind directions will be from North West direction.

## Weather Warning

Moderate to Heavy rainfall is expected on 3 days (04.04.2025 & 06.04.2025) with thunderstorms & lightning. From 02.04.25 dry weather may be expected.

## Weather Warning on Agriculture

Due to thunderstorms and lightning keep livestock away from tall buildings & trees.

Provide adequate drainage facilities in the field. Avoid Spraying of fertilizers, herbicides on 04.04.25 to 06.04.25. Spray on non-raining days.

## Agro Advisory

Crop	Stage	Advisory
General	CET	Moderate to high rainfall is expected during 3-5 <sup>th</sup> April 2025 and the wind speed would be around up to 06-08 kmph in Western zone districts. Summer ploughing in recently harvested and fallow lands with inverting type plough against the slope may be done to harvest the summer rain and reduce run off and erosion. Rainfall is expected. Hence postpone the irrigation based on soil moisture.
Cumbu	CET	Sowing of Cumbu may be taken up during first week of April, by utilizing the expected rainfall.
Vegetable & flower crops	CET	Rainfall is expected. Hence, spraying of chemicals for sucking pests may be postponed. Spray Spinetoram 11.70% SC @ 450ml/ha to control thrips after rain.
Tapioca	CET Planting	With the receipt of rainfall, planting of Tapioca may be taken up during the first week of April in prepared land.
Coconut	CET	Provide inward basin around the tree crops with 1.5m radius from the trunk to harvest the expected rainfall in root zone. Provide inward basin around the tree crops with 1.5m radius from the trunk to harvest the expected rainfall in root zone. Provide 100 lit of water per tree per day with drip irrigation and apply mulches in the basin to avoid evaporation loss. Due to high temperature Rugose spiraling whitefly incidence is increasing. <b>To control Rugose whitefly</b> , adopt the following IPM measures <ol style="list-style-type: none"><li>1. Yellow sticky traps / sheets (3 x 1ft / 5 x 1ft) @ 20 sheets / ha at 5-6 ft. on trunk smeared with castor oil.</li><li>2. Staple leaflets containing Encarsia guadeloupeae parasitized cocoons @ 100 Nos. / ha on under surface of infested leaflets.</li></ol> Staple paper strips / cardboard boxes containing Chrysopid eggs @ 1000 / ha

		<p><b>Root Wilt (Candidatus Phytoplasma)</b></p> <ul style="list-style-type: none"> <li>• Recommended NPK + FYM-50kg + Neem Cake 5 kg / palm/yr + Green Manuring</li> <li>• Azospirillum – 200g + Phosphobacteria - 200g + VAM – 100g + Bacillus subtilis – 200g + Trichoderma asperellum 200 g / palm / yr</li> <li>• TNAU Coconut tonic root feeding @ 40 ml / palm at 6 months interval</li> <li>• Soil application of ‘TNAU COCOCON’ @ 5 litre / acre at 3 months interval</li> </ul> <p>Need based Root feeding of hexaconazole (3ml + 200 ml water) for leaf Rot</p>
Animal Husbandry	CET	Heavy rainfall may occur along the Western Ghat areas and hence avoid grazing near foot hills of Western Ghat areas.

**SMS advisory:**

- Moderate to high rainfall is expected during 3-5<sup>th</sup> April 2025. Summer ploughing may be completed immediately against the slope to harvest the summer rain and reduce run off and erosion.

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