



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Coimbatore District
Bulletin No.001/2024 Issued on 02.01.2024
(From 03rd January 2024 to 07th January 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 104 (29.12.2023) for Tamil Nadu. Maximum temperature ranged from 28°C to 32°C and minimum temperature ranged from 20°C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 14°C to 23°C and minimum temperature ranged from 5°C to 10°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 29.12.23 to 01.01.24 the Maximum temperature was recorded was 28°C to 29°C and the minimum temperature was 21°C to 23°C. The morning relative humidity recorded was 90 per cent and evening relative humidity was 55 per cent. The average wind speed recorded was 7-9 km per hour and the wind direction were from East direction.

Weather Summary for Coimbatore district

Past week Summary (29.12.2023 to 01.01.2024)				Ensemble weather forecast valid until 08.30 hrs of 07.01.2024					
Day-1 29/12	Day-2 30/12	Day-3 31/12	Day-4 01/01	Date	Day-1 03/01	Day-2 04/01	Day-3 05/01	Day-4 06/01	Day-5 07/01
0.0	0.2	0.0	0.0	Rainfall	1	1	1	5	4
29	28	29	29	Max. Temp. (°C)	29	29	28	28	28
23	21	21	21	Mini. Temp. (°C)	21	20	20	20	20
7	8	7	7	Cloud cover (Octa)	7	8	5	7	8
83	90	91	88	RH morning (%)	90	80	80	90	90
68	59	58	55	RH evening (%)	60	50	50	60	60
9	8	7	8	Wind (kmph)	10	10	8	8	10
360	70	70	70	Wind Direction	70	70	70	70	70

Weather forecast for next five days: (03.01.2024 to 07.01.2024)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Light drizzling rainfall is expected on next five days. Maximum temperature is expected to be around 28°C to 29°C. Minimum temperature is expected to be around 20°C to 21°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 50 per cent. Average wind speed is expected to be around 8-10 km per hour and the wind direction will be from East 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
03-01-2024	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04-01-2024	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05-01-2024	1.0	1.0	3.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
06-01-2024	5.0	5.0	7.0	4.0	3.0	4.0	4.0	4.0	4.0	3.0	3.0	4.0
07-01-2024	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Drizzling or dry days are expected during next week with wind speed of 4 -12 km/hr in western zone districts.</p> <p>By utilizing the favourable weather, complete all the postponed sprays, fertilizer application and weeding.</p> <p>Dry days are continuing. Ensure sufficient soil moisture for maize, cotton, turmeric and tapioca in critical stage of growth.</p>
Rice	grain filling	<p>Considering the dry weather in past and current week, provide irrigation to samba paddy which is at grain filling stage.</p> <p>To control Bacterial leaf Blast light, spray Streptocyclin + Tetracyclin @ 300 g/ ha + Copper oxychloride 1.25 kg /ha</p>
Sorghum	Land preparation	<p>Considering the clear weather, land preparation may be done for Thai pattam (Jan) irrigated sorghum sowing.</p>
Maize	Flowering	<p>In irrigated maize crop of 45 days old, apply 75 kg urea/ha followed by irrigation.</p> <p>To manage the charcoal rot of maize. Proper irrigation has to be done and apply Trichoderma viride 2.5 kg + 250kg FYM and apply in soil.</p>

Sugarcane	Vegetative	Wind speed is 6 -12 km. Hence, propping may be done to avoid lodging in sugarcane.
Tapioca	Vegetative	In the irrigated tapioca with high relative humidity and optimum temperature Cercospora leaf spot is seen. Spray mancozeb 2g/lit twice at 15 days interval.
Banana	Above 5 months	Banana above five month old may be supported with poles to avoid lodging against wind speed of 6 -12 km. To control wilt disease, apply Trichoderma viride 2.5kg /ha + 250kg of FYM and apply near rhizome region.
Turmeric	Harvest	Early planted turmeric rhizome may be harvested since, dry spell is anticipated. To control rhizome rot, apply Trichoderma viride @ 2.5kg / ha + 250kg of FYM.
Curry Leaf		The low (20°C) minimum temperature may affect the leaf aroma of curry leaf. Hence, irrigate during the evening hours or through sprinkler irrigation to modify microclimate. Spray Bacillus subtilis 5ml /lit to control the leaf spot disease.
Animal Husbandry		Milch animals may be feed with green grasses based on their weight (roughly 8-10 kg/day/animal) along with concentrates (cakes, brawn) enough to meet the increase feed requirement as a result of prevailing cool weather.

SMS advisory

- Dry days are continuing. Ensure sufficient soil moisture for maize, cotton, turmeric and tapioca in critical stage of growth.

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