



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.040/2023 Issued on 19.05.2023

(From 20th May 2023 to 24th May2023)

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 039 (16.05.2023) for Tamil Nadu. Maximum temperature ranged from 35°C to 43°C and minimum temperature ranged from 26°C to 31°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 15°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 16.05.23 to 18.05.23 the Maximum temperature was recorded as 36°C to 37°C and the minimum temperature was 25°C. The Morning relative humidity recorded was 82 per cent and evening relative humidity was 49 per cent. The average wind speed recorded was 9-13 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

Past week Summary (16.05.2023 to 18.05.2023)			Ensemble weather forecast valid until 08.30 hrs of 24.05.2023					
Day-1 16/05	Day-2 17/05	Day-3 18/05	Date	Day-1 20/05	Day-2 21/05	Day-3 22/05	Day-4 23/05	Day-5 24/05
0.0	0.9	4.5	Rainfall	4	3	5	3	3
36	37	37	Max. Temp. (°C)	37	38	37	37	36
25	25	25	Mini. Temp. (°C)	25	25	25	25	24
4	5	6	Cloud cover (Octa)	5	4	6	4	4
79	75	82	RH morning (%)	70	70	70	70	70
49	60	49	RH evening (%)	55	55	55	55	55
13	12	9	Wind (kmph)	12	12	10	10	10
200	70	180	Wind Direction	250	250	250	230	230

Weather forecast for next five days: (20.05.2023 to 24.05.2023)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostly cloudy. Light rainfall is expected on next five days. Maximum temperature is expected to be around 36°C to 38°C. Minimum temperature is expected to be around 24°C to 25°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 55 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
20-05-2023	26.0	5.0	7.0	12.0	7.0	5.0	20.0	20.0	4.0	7.0	5.0	9.0
21-05-2023	6.0	1.0	2.0	3.0	2.0	1.0	5.0	5.0	1.0	2.0	1.0	2.0
22-05-2023	11.0	4.0	5.0	6.0	4.0	4.0	9.0	9.0	4.0	5.0	4.0	5.0
23-05-2023	15.0	3.0	4.0	7.0	4.0	3.0	11.0	11.0	2.0	4.0	2.0	5.0
24-05-2023	4.0	1.0	2.0	2.0	1.0	1.0	3.0	3.0	1.0	1.0	1.0	2.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Light rainfall is expected with wind speed of 6 - 12 km/hr in Western zone during next five days.</p> <p>Since light rainfall alone expected, complete the spraying and fertilizer application operations during non rainy hours.</p> <p>Based on the soil moisture content, irrigation may be given to the irrigated crops to mitigate the impact from prevailing high temperature.</p>
Rice	Nursery	Farmers with irrigation facility may sow the short duration rice nursery for Kuruvai season.
Sesamum	Post harvest	Considering the anticipated weather, thrash the harvested sesame and dry it between 10.00AM and 4.00 PM.
Sugarcane		Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Banana	Above 5 months old	Light rain fall with 10 km wind speed may cause lodging in banana. Providing support to five months and above old banana.

Grapes		Considering the prevailing weather, pruning may be done in Grapes at 2 buds level for Thompson variety and 4 buds level for other varieties.
Turmeric	Planting	By utilizing the rainfall, planting of turmeric may be done with drainage facilities. Based on soil moisture provide irrigation.
Animal		Along with rainfall lightening and thunders may occur, protect the animal by tying in the cattle shed. Do not allow the animals to graze on newly grown grasses, due to the receipt of last week rain.

SMS advisory

- Light rain fall with 10 km wind speed may cause lodging in banana. Providing support to five months and above old banana.

**Professor and Head
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