



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.039/2023 Issued on 16.05.2023

(From 17th May 2023 to 21st 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 038 (12.05.2023) for Tamil Nadu. Maximum temperature ranged from 32°C to 41°C and minimum temperature ranged from 24°C to 31°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 21°C to 27°C and minimum temperature ranged from 10°C to 14°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 12.05.23 to 15.05.23 the Maximum temperature was recorded as 35°C to 36°C and the minimum temperature was 25°C. The Morning relative humidity recorded was 83 per cent and evening relative humidity was 55 per cent. The average wind speed recorded was 13-17 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

Past week Summary (12.05.2023 to 15.05.2023)				Ensemble weather forecast valid until 08.30 hrs of 21.05.2023					
Day-1 12/05	Day-2 13/05	Day-3 14/05	Day-4 15/05	Date	Day-1 17/05	Day-2 18/05	Day-3 19/05	Day-4 20/05	Day-5 21/05
3.2	0.0	0.0	0.0	Rainfall	3	6	3	6	3
35	35	35	36	Max. Temp. (°C)	36	35	35	36	35
25	25	25	25	Mini. Temp. (°C)	25	24	24	25	25
6	6	4	4	Cloud cover (Octa)	5	5	5	3	4
83	78	80	75	RH morning (%)	60	70	60	70	70
66	57	61	55	RH evening (%)	30	30	30	30	30
13	17	16	17	Wind (kmph)	8	8	10	8	10
200	200	200	200	Wind Direction	230	230	250	230	230

Weather forecast for next five days: (17.05.2023 to 21.05.2023)

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 35°C to 36°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 30 per cent. Average wind speed is expected to be around 8-10 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
17-05-2023	8.0	1.0	2.0	3.0	2.0	1.0	6.0	6.0	1.0	1.0	1.0	3.0
18-05-2023	16.0	6.0	6.0	9.0	6.0	5.0	13.0	13.0	5.0	6.0	5.0	8.0
19-05-2023	16.0	2.0	3.0	7.0	4.0	2.0	12.0	12.0	2.0	4.0	2.0	5.0
20-05-2023	18.0	4.0	6.0	9.0	7.0	5.0	14.0	14.0	4.0	4.0	4.0	9.0
21-05-2023	10.0	2.0	3.0	4.0	2.0	2.0	7.0	7.0	1.0	2.0	1.0	3.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Light rainfall is expected with wind speed of 6 - 10 km/hr in Western zone during next five days.</p> <p>By utilizing the rainfall summer ploughing may be done against the slope to control weeds and arrest erosion.</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	Considering the anticipated rainfall sowing for short duration rice in nursery is recommended.
Sorghum	Vegetative	With the receipt of anticipated rainfall hand weeding may be done in irrigated Sorghum and apply 50 kg of urea per hectare as second top dressing.
Cumbu	Vegetative	With the receipt of anticipated rainfall hand weeding may be done in irrigated cumbu and apply 90 kg of urea per hectare as first top dressing.
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	Since light rain fall with squally wind is expected, propping and providing support to five months old banana is recommended against the lodging.
Turmeric	Planting	By utilizing the rainfall, planting of turmeric may be done with drainage facilities. Based on soil moisture provide irrigation.
Tapioca	Harvest	Using the received and anticipated rainfall harvest may be programmed in Tapioca.
Animal		Along with rainfall lightening and thunders may occur, protect the animal by tying in the cattle shed.

SMS advisory

- Since light rainfall alone expected, complete the spraying and fertilizer application operations during non rainy hours.

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