



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.043/2024 Issued on 28.05.2024

(From 29th May 2024 to 02th June 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 042 (24.05.2024) for Tamil Nadu. Maximum temperature ranged from 33°C to 40°C and minimum temperature ranged from 23°C to 31°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 21°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 24.05.2024 to 27.05.2024 the Maximum temperature was recorded was 28°C to 33°C the minimum temperature was 23°C to 25°C. The morning relative humidity recorded was 91 per cent and evening relative humidity was 66 per cent. The average wind speed recorded was 17-24 km per hour and the wind direction were from East direction.

Weather Summary for Coimbatore district

Past Week Summary (24.05.2024 to 27.05.2024)				Ensemble weather forecast valid until 08.30 hrs of 02.06.2024					
Day-1 24/04	Day-2 25/05	Day-3 26/05	Day-4 27/05	Date	Day-1 29/05	Day-2 30/05	Day-3 31/05	Day-4 01/06	Day-5 02/06
9.4	9.5	0.7	0.6	Rainfall	1	1	7	3	5
31	28	29	33	Max. Temp. (°C)	33	33	32	32	31
24	23	25	24	Mini. Temp. (°C)	23	22	21	21	21
8	8	7	5	Cloud cover (Octa)	8	7	8	8	8
91	90	81	81	RH morning (%)	70	70	70	70	70
89	66	66	66	RH evening (%)	30	40	40	30	40
17	18	21	24	Wind (kmph)	20	20	18	18	18
230	230	230	230	Wind Direction	250	250	250	250	250

Weather forecast for next five days: (29.05.2024 to 02.06.2024)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Light rainfall expected on next 5 days. Maximum temperature is expected to be around 31°C to 33°C. Minimum temperature is expected to be around 21°C to 23°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 18-20 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
29-05-2024	2.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
30-05-2024	1.0	0.0	1.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
31-05-2024	6.0	6.0	6.0	5.0	5.0	5.0	6.0	6.0	5.0	6.0	6.0	5.0
01-06-2024	1.0	2.0	2.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
02-06-2024	5.0	3.0	4.0	4.0	3.0	3.0	5.0	5.0	3.0	3.0	3.0	3.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Light rainfall is expected along with heavy wind speeds of 10 – 26 kmph during this week. Inland may have high wind speed.</p> <p>Irrigation may be provided based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture.</p> <p>Considering the favourable weather, the postpone irrigation, fertilizer application, spraying and sowing may be continued.</p>
Rice	Land preparation	Continue the sowing for Kurvai nursery.
Sugarcane	Vegetative	<p>Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.</p> <p>By utilizing the pas week rainfall and soil moisture, late season sugarcane setts may be planted with proper drainage.</p>
Cotton		If cotton is suffering with past week continuous rainfall, Spray NAA 40 ppm to prevent early shedding of buds and squares and increase the yield (40 mg of NAA dissolved in one litre of water will give 40 ppm).

Banana		Considering the high wind speed @ 10 -26 kmph, provide propping to the banana of more than five months old to prevent from lodging.
Turmeric	Sowing	By utilizing rainfall, dibbling in turmeric rhizomes may be continued by providing proper drainage.
Tapioca		By utilizing the received and anticipated rainfall harvest may be programmed in Tapioca.
Coconut		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		Do not allow the animals to graze newly emerged grasses to avoid worm infections.

SMS advisory

- Considering the high wind speed @ 10 -26 kmph, provide propping to the banana of more than five months old to prevent from lodging.

**Professor and Head
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