



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.050/2023 Issued on 23.06.2023

(From 24th June 2023 to 28th June 2023)

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 048 (16.06.2023) for Tamil Nadu. Maximum temperature ranged from 27°C to 37°C and minimum temperature ranged from 23°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 21°C and minimum temperature ranged from 11°C to 13°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 20.06.23 to 22.06.23 the Maximum temperature was recorded was 33°C to 35°C and the minimum temperature was 22°C to 23°C. The Morning relative humidity recorded was 84 per cent and evening relative humidity was 61 per cent. The average wind speed recorded was 2-8 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

Past week Summary (20.06.2023 to 22.06.2023)			Ensemble weather forecast valid until 08.30 hrs of 28.06.2023					
Day-1 20/06	Day-2 21/06	Day-3 22/06	Date	Day-1 24/06	Day-2 25/06	Day-3 26/06	Day-4 27/06	Day-5 28/06
0.3	4.2	4.7	Rainfall	12	6	3	12	10
33	33	35	Max. Temp. (°C)	33	34	34	35	35
23	23	22	Mini. Temp. (°C)	24	24	25	24	24
7	8	8	Cloud cover (Octa)	8	5	6	8	8
78	77	84	RH morning (%)	70	70	70	70	70
59	56	61	RH evening (%)	40	40	40	40	40
2	8	7	Wind (kmph)	12	14	12	10	12
230	270	180	Wind Direction	230	230	230	230	250

Weather forecast for next five days: (24.06.2023 to 28.06.2023)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Light to moderate rainfall is expected on next five days. Maximum temperature is expected to be around 33°C to 35°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 40 per cent. Average wind speed is expected to be around 10-14 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
24-06-2023	12.0	8.0	9.0	10.0	10.0	9.0	11.0	11.0	9.0	8.0	8.0	10.0
25-06-2023	11.0	5.0	5.0	7.0	5.0	5.0	9.0	9.0	4.0	5.0	4.0	6.0
26-06-2023	8.0	3.0	3.0	4.0	2.0	2.0	6.0	6.0	2.0	3.0	2.0	3.0
27-06-2023	19.0	10.0	11.0	13.0	12.0	11.0	17.0	17.0	10.0	11.0	10.0	13.0
28-06-2023	38.0	13.0	15.0	20.0	14.0	12.0	30.0	30.0	11.0	15.0	12.0	17.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Light to moderate rainfall is expected with wind speed of 6 - 18 km/hr in Western zone during next five days. Wind speed of Tiruppur district may go up to 18 km/hr.</p> <p>Light rainfall is expected in the coming days, irrigation may be done to crops based on soil moisture.</p>
Rice	Planting	<p>Transplanting of short duration rice varieties can be done with enough provision of drainage because rainfall is anticipated. Also keep 2 cm water during evening and drain in the morning to avoid floating seedling due to rain splash action.</p> <p>Expected temperature is favourable for sucking pest incidence in the rice nursery and transplanted field. Spray 5% need seed kernel extract if population crossing ETL.</p>
Sorghum	Vegetative	By utilizing the rainfall, apply urea 50 kg/ha as nitrogen fertilizer to the rain fed sorghum crop.
Maize	Sowing	By utilizing expected rainfall sowing of maize with imidacloprid 70S seed treatment @ 10g/kg seed is advised.
Small millets	Sowing	<p>With the receipt of anticipated rainfall sowing of small millets and millets may be taken up along the Western Ghats.</p> <p>Heavy rain may occur along the Western Ghats. Ensure adequate safety to the animals.</p>
Sugarcane	Vegetative	<p>Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.</p> <p>Late season sugarcane planting can be continued and if already planted, gap filling may be done.</p>

Cucurbits	Sowing	By utilizing the past and expected rainfall, 1'x1'x1' sized pit may be taken for cucurbits.
Banana	Above 5 months old	Light rain fall with 6-18 km/hour wind speed may cause lodging in banana. Providing support to five months and above old banana.
Turmeric	Vegetative	By utilizing the rainfall, weeding may be done in 30 days old Turmeric
Jasmine		Considering the favourable weather manuring may be done @ 10 kg FYM and NPK at 60,120 and 120 g/ plant.
Grapes		June is the best time for pruning in monsoon grape crop. Weak and immature branches should be pruned without damaging in vines.
Coconut		Conserve the expected rainfall by providing basin in coconut farms. Apply fertilizer for the coconut trees more than 5 years @ 650 g urea, 1 kg super phosphate, 1 kg potash per tree. Also apply 250 g of micronutrient per tree and don't mix micronutrient with soil.
Animal		Due to low evening humidity, provide 80-100 liter drinking water to the livestock in four splits.

SMS advisory

- Provide ring basin in coconut farms. Apply fertilizer for the coconut trees > 5 years @ 650 g urea, 1 kg super phosphate, 1 kg potash and 250 g of micronutrient.

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