



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.084/2023 Issued on 20.10.2023

(From 21st October 2023 to 25th October 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 083 (17.10.2023) for Tamil Nadu. Maximum temperature ranged from 30°C to 33°C and minimum temperature ranged from 22°C to 26°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 22°C and minimum temperature ranged from 09°C to 14°C. During this period isolated rainfall was recorded in Tamil Nadu.

Coimbatore District Past Weather

In Coimbatore district, during 17.10.23 to 19.10.23 the Maximum temperature was recorded was 31°C to 33°C and the minimum temperature was 21°C to 24°C. The morning relative humidity recorded was 91 per cent and evening relative humidity was 44 per cent. The average wind speed recorded was 7-10 km per hour and the wind direction were from South West direction.

Weather Summary for Coimbatore district

Past week Summary (17.10.2023 to 19.10.2023)			Ensemble weather forecast valid until 08.30 hrs of 25.10.2023					
Day-1 17/10	Day-2 18/10	Day-3 19/10	Date	Day-1 21/10	Day-2 22/10	Day-3 23/10	Day-4 24/10	Day-5 25/10
22.3	6.3	0.0	Rainfall	8	4	8	30	30
31	33	33	Max. Temp. (°C)	33	33	33	32	32
21	24	23	Mini. Temp. (°C)	23	23	23	22	22
4	7	6	Cloud cover (Octa)	6	6	6	5	5
91	86	70	RH morning (%)	84	84	84	82	82
50	47	44	RH evening (%)	50	50	50	48	48
7	10	9	Wind (kmph)	10	10	10	8	8
90	90	70	Wind Direction	70	70	70	90	90

Weather forecast for next five days: (21.10.2023 to 25.10.2023)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Moderate rainfall is expected on next five days. Maximum temperature is expected to be around 32°C to 33°C. Minimum temperature is expected to be around 22°C to 23°C. Morning relative humidity is expected to be around 84 per cent and evening relative humidity is expected to be around 48 per cent. Average wind speed is expected to be around 8-10 km per hour and the wind direction will be from North 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
21-10-2023	3.0	6.0	5.0	4.0	5.0	5.0	3.0	3.0	5.0	5.0	6.0	5.0
22-10-2023	1.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	3.0	2.0
23-10-2023	6.0	7.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	7.0	6.0	6.0
24-10-2023	19.0	23.0	28.0	23.0	26.0	27.0	20.0	20.0	25.0	20.0	23.0	25.0
25-10-2023	28.0	34.0	33.0	29.0	28.0	30.0	29.0	29.0	30.0	33.0	31.0	28.0

Agro Advisory

Crop	Stage	Advisory
General		<p>North east monsoon is expected to sets in the coming week, and hence moderate rainfall is expected during next five days with wind speed of 8-10 km/hr in western zone districts.</p> <p>Areas along the Western Ghats may receive heavy rainfall, hence provide adequate drainage and harvest the excess water to farm ponds.</p> <p>Gap filling and thinning may be done with the expected rainfall to maintain population in rainfed crops.</p>
Blackgram	Vegetative	The standing green gram and black gram under irrigated condition would grow with tendrils as a result of excess soil moisture. Clip the tendrils or top the crop.
Cotton	Flowering	Prevailing high relative humidity is also favourable for black arm disease in cotton hence farmers are requested to monitor the crop and if necessary, spray mixture of tetracycline 100 gm + copper oxychloride 1200 gm / ha during non rainy day.
Sugarcane	Vegetative	Since rainfall with wind speed of >8 km is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.

Gourds	Flowering	Prevailing weather is favourable for more vegetative growth in gourds at flowering stage. Application of Ethrel @ 100ppm for all gourds and 200 ppm for ribbed gourd is recommended to induce flowers and fruit set.
Banana	Above 5 months old	Rainfall with wind speed of >8 km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old.
Papaya		Prevailing continues rainfall leads to water stagnation and Phytophthora root rot incidence may appear in papaya. Provide drainage followed by trenching with Bordeaux mixture @ 1%.
Turmeric	Vegetative	Prevailing weather condition is also favourable for blotch disease in turmeric. Hence farmers are requested to monitor the crop carefully & if necessary, spray Azoxystrobin @ 1ml / liter of water.
Animal Husbandry		Since rainfall is expected drainage in and around cattle and poultry sheds may be provided to avoid water stagnation. Further farmers are requested to safeguard the feed and fodder material from rain soaking. Considering the rainfall and high relative humidity, dry feed may be provided to the animals and poultry against aflatoxin contamination.

SMS advisory

- Rainfall with wind speed of >8 km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old.

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