



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.078/2023 Issued on 29.09.2023

(From 30th September 2023 to 04th 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 077 (26.09.2023) for Tamil Nadu. Maximum temperature ranged from 33°C to 37°C and minimum temperature ranged from 21°C to 26°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 19°C to 21°C and minimum temperature ranged to be around 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 26.09.23 to 28.09.23 the Maximum temperature was recorded was 31°C to 34°C and the minimum temperature was 23°C to 24°C. The morning relative humidity recorded was 84 per cent and evening relative humidity was 68 per cent. The average wind speed recorded was 20-21 km per hour and the wind direction were from South West direction.

Weather Summary for Erode district

Past week Summary (26.09.2023 to 28.09.2023)			Ensemble weather forecast valid until 08.30 hrs of 04.10.2023					
Day-1 26/09	Day-2 27/09	Day-3 28/09	Date	Day-1 30/09	Day-2 01/10	Day-3 02/10	Day-4 03/10	Day-5 04/10
11.8	2.8	6.0	Rainfall	6	3	3	6	8
34	31	32	Max. Temp. (°C)	33	33	32	32	32
24	23	23	Mini. Temp. (°C)	22	22	21	21	21
6	5	6	Cloud cover (Octa)	8	7	6	7	8
80	84	79	RH morning (%)	80	80	80	80	80
68	68	81	RH evening (%)	50	50	50	40	40
20	21	21	Wind (kmph)	14	14	12	8	10
200	230	200	Wind Direction	250	250	250	270	250

Weather forecast for next five days: (30.09.2023 to 04.10.2023)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Light 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 21°C to 22°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 8-14 km per hour and the wind direction will be from South west direction.

Erode District Block Wise Rainfall(mm) for next five days														
Date	Ammapet	Anthiyur	Bhavani	Bhavanisagar	Chenimalai	Erode	Gopi	Kodumudi	Modakurichi	Nambiyur	Perundurai	Sathyamangalam	Talavada	TN Palayam
30-09-2023	3.0	3.0	3.0	5.0	2.0	3.0	2.0	2.0	3.0	2.0	3.0	3.0	3.0	3.0
01-10-2023	2.0	1.0	1.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0
02-10-2023	2.0	2.0	1.0	4.0	1.0	1.0	2.0	2.0	1.0	2.0	1.0	3.0	0.0	2.0
03-10-2023	3.0	3.0	3.0	1.0	2.0	3.0	2.0	3.0	3.0	1.0	3.0	1.0	0.0	2.0
04-10-2023	5.0	5.0	5.0	4.0	5.0	5.0	4.0	4.0	5.0	4.0	5.0	4.0	4.0	4.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Light rainfall is expected with high wind speed of 8 - 22 km/hr during next five days in western zone districts.</p> <p>Areas along the Western Ghats may receive moderate to heavy rainfall.</p> <p>With the receipt of anticipated rainfall dry lands may be prepared and sown with North East Monsoon crops such as groundnut and millets.</p> <p>Prevailing cloud cover with high relative humidity leads to less water and nutrient absorption. Hence nitrogenous fertilizers may be applied as slow release form like neem coated urea to get more nutrient efficiency.</p>
Rice	Planting	<p>Considering the rainfall, Samba season rice planting may be postponed and provide adequate drainage to recently transplanted rice.</p> <p>As Samba season is over, stop nursery sowing or direct seeding of samba paddy.</p>
Sorghum	Harvest & sowing	Harvesting of the millets and minor millets may be postpone considering the heavy rainfall is expected.
Sugarcane	Vegetative	Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.

Cotton	Flowering	To arrest the terminal growth in cloudy weather, nipping the terminal portion of the main stem beyond the 15 th node is advised.
Banana	Above 5 months old	Rainfall with wind speed of >10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old. Prevailing cloudy weather with high relative humidity with drizzling is favorable for the sigatoka leaf spot in turmeric hence farmers are requested to monitor the crop and spray if required chlorothalanyl @ 2g per liter of water or propiconazole @ 2ml per liter of water.
Turmeric	Vegetative	Prevailing high relative humidity and wind speed would spread the spores of turmeric leaf spot from endemic area. Spray Mancozeb @ 1 kg/ha or copper oxy chloride @ 1.25 kg/ha. <i>Weather is favourable for rhizome rot in Turmeric. Drench with Trichoderma viride to prevent the disease spread.</i> In Turmeric of 120 days old, top dressing with 55 kg urea 30 kg potash per ha with sufficient moisture.
Coconut		Basins may be deepened to coconut to collect anticipating rainfall so as to store in the soil profile.
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. Weather is conducive for mastitis disease in milch animals. Hence, clean the udder with 1% potassium permanganate before and after milking.

SMS advisory

- Weather is favourable for rhizome rot in Turmeric. Drench with Trichoderma viride to prevent the disease spread.

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