



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.077/2023 Issued on 26.09.2023

(From 27th September 2023 to 01st 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 076 (23.09.2023) for Tamil Nadu. Maximum temperature ranged from 31°C to 36°C and minimum temperature ranged from 24°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 10°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 22.09.23 to 25.09.23 the Maximum temperature was recorded was 32°C to 35°C and the minimum temperature was 23°C to 24°C. The morning relative humidity recorded was 83 per cent and evening relative humidity was 64 per cent. The average wind speed recorded was 16-18 km per hour and the wind direction were from South West direction.

Weather Summary for Erode district

Past week Summary (22.09.2023 to 25.09.2023)				Ensemble weather forecast valid until 08.30 hrs of 01.10.2023					
Day-1 22/09	Day-2 23/09	Day-3 24/09	Day-4 25/09	Date	Day-1 27/09	Day-2 28/09	Day-3 29/09	Day-4 30/09	Day-5 01/10
3.1	2.0	3.1	3.2	Rainfall	3	4	8	6	8
34	35	34	32	Max. Temp. (°C)	33	33	32	32	32
24	23	23	23	Mini. Temp. (°C)	23	22	22	21	21
5	5	6	6	Cloud cover (Octa)	7	7	8	8	5
77	74	83	82	RH morning (%)	70	80	80	80	80
77	70	70	64	RH evening (%)	40	50	50	60	50
16	18	17	17	Wind (kmph)	10	12	12	10	12
200	200	200	200	Wind Direction	250	250	250	250	250

Weather forecast for next five days: (27.09.2023 to 01.10.2023)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Light to 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 21°C to 23°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 10-12 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	Talavadai	TN Palayam
27-09-2023	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28-09-2023	2.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	0.0	1.0
29-09-2023	6.0	6.0	6.0	7.0	4.0	6.0	5.0	6.0	5.0	4.0	5.0	6.0	7.0	6.0
30-09-2023	4.0	4.0	4.0	8.0	3.0	4.0	4.0	3.0	3.0	3.0	3.0	6.0	9.0	5.0
01-10-2023	5.0	6.0	6.0	13.0	6.0	5.0	7.0	4.0	5.0	8.0	6.0	10.0	10.0	9.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Light to moderate rainfall is expected with high wind speed of 10 - 20 km/hr during next five days in western zone districts. Provide adequate drainage to all crops and postpone the irrigation.</p> <p>Areas along the Western Ghats may receive 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	Considering the rainfall, Samba season rice planting may be postponed and provide adequate drainage to recently transplanted rice.
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. Light to moderate rainfall is expected. Provide adequate drainage to all crops and postpone the irrigation.
Banana	Above 5 months old	Rain fall with 10-12 km/hour wind speed may cause lodging in banana. Provide support to five months and above old banana. 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 chlorothalnil @ 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. Light to moderate rainfall is expected. Provide adequate drainage to all crops and postpone the irrigation.
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

- Prevailing high RH and wind speed would spread turmeric leaf spot. Spray Mancozeb @ 1 kg/ha or copper oxy chloride @ 1.25 kg/ha.

**Professor and Head
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