



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.012/2024 Issued on 09.02.2024

(From 10th February 2024 to 14th February 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 011 (06.02.2024) for Tamil Nadu. Maximum temperature ranged from 29°C to 37°C and minimum temperature ranged from 18°C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 20°C to 25°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 06.02.2024 to 08.02.2024 the Maximum temperature was recorded was 33°C to 35°C and the minimum temperature was 20°C. The morning relative humidity recorded was 67-84 per cent and evening relative humidity was 23-30 per cent. The average wind speed recorded was 8-11 km per hour and the wind direction were from East direction.

Weather Summary for Erode district

Past week Summary (06.02.2024 to 08.02.2024)			Ensemble weather forecast valid until 08.30 hrs of 14.02.2024					
Day-1 06/02	Day-2 07/02	Day-3 08/02	Date	Day-1 10/02	Day-2 11/02	Day-3 12/02	Day-4 13/02	Day-5 14/02
0.0	0.0	0.0	Rainfall	0	0	0	0	0
33	33	35	Max. Temp. (°C)	35	35	36	36	36
20	20	20	Mini. Temp. (°C)	21	22	22	23	23
2	3	4	Cloud cover (Octa)	2	5	2	1	3
84	71	67	RH morning (%)	80	80	80	80	90
30	23	23	RH evening (%)	30	30	30	30	30
11	11	8	Wind (kmph)	8	8	8	6	8
50	90	90	Wind Direction	110	110	110	140	140

Weather forecast for next five days: (10.02.2024 to 14.02.2024)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be clear. Dry weather is expected on next 5 days. Maximum temperature is expected to be around 35°C to 36°C. Minimum temperature is expected to be around 21°C to 23°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 30 per cent. Average wind speed is expected to be around 6-8 km per hour and the wind direction will be from South East 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
10-02-2024	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	0.0
11-02-2024	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	0.0
12-02-2024	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	0.0
13-02-2024	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	0.0
14-02-2024	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	0.0

Agro Advisory

Crop	Stage	Advisory
General		<p>Dry days are expected during next week with wind speed of 6-14 km/hr in western zone districts. Maximum temperature is slightly increasing.</p> <p>Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture.</p> <p>By utilizing the dry days complete the harvest of samba paddy, pulses and millets at harvesting stage.</p> <p>Since the maximum temperature shoots up, sucking pest infestation may flare up. Hence, Proper protection measures need to be taken up.</p>
Rice	Grainfilling	<p>Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence monitor the crop carefully if required spray dinotefuran 15% + Pymetrozine 45% WG @ 133.2 g/acre.</p>
Maize	Sowing	<p>By utilizing the favourable weather, sowing of irrigated maize may be continued with assured irrigation. Maintain sufficient soil moisture to prevent charcoal rot disease.</p>

Sugarcane	Planting	Under prevailing weather conditions planning may done to plant early season sugarcane as early as possible.
Turmeric	Rhizome maturing	Interval between irrigation in turmeric crop has to be increased to facilitate the maturity.
Banana	4 months	Prevailing weather is favourable for sigatoka leaf spot in banana where soil moisture is high. Therefore, dry the field and remove the affected leaves & burn it. Spray Pyraclostrobin 20% WG @ 300 g/acre.
Animal Husbandry		The afternoon relative humidity drops to <30 %, So clean drinking water should be provided to reduce the thirstiness in livestock.

SMS advisory

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**Professor and Head
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