



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.009/2024 Issued on 30.01.2024

(From 31st January 2024 to 04th 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 008 (25.01.2024) for Tamil Nadu. Maximum temperature ranged from 31°C to 33°C and minimum temperature ranged from 19°C to 26°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 23°C and minimum temperature ranged from 3°C to 9°C. During this period isolated rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 25.01.24 to 29.01.24 the Maximum temperature was recorded was 30°C to 32°C and the minimum temperature was 21°C to 22°C. The morning relative humidity recorded was 89 per cent and evening relative humidity was 31 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 (25.01.2024 to 29.01.2024)					Ensemble weather forecast valid until 08.30 hrs of 04.02.2024					
Day-1 25/01	Day-2 26/01	Day-3 27/01	Day-4 28/01	Day-5 29/01	Date	Day-1 31/01	Day-2 01/02	Day-3 02/02	Day-4 03/02	Day-5 04/02
0.0	0.0	0.0	0.0	0.0	Rainfall	0	1	0	0	0
32	32	32	30	31	Max. Temp. (°C)	31	30	31	31	32
21	21	21	21	22	Mini. Temp. (°C)	19	20	20	20	20
4	4	6	5	6	Cloud cover (Octa)	5	5	6	2	0
79	81	89	86	80	RH morning (%)	90	90	70	90	90
35	31	46	36	38	RH evening (%)	40	40	40	40	40
10	11	10	9	8	Wind (kmph)	6	4	8	8	6
90	90	70	70	70	Wind Direction	160	160	140	140	140

Weather forecast for next five days: (31.01.2024 to 04.02.2024)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Dry weather is expected on next five days. Maximum temperature is expected to be around 30°C to 32°C. Minimum temperature is expected to be around 19°C to 20°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 4-8 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	Talavada	TN Palayam
31-01-2024	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
01-02-2024	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
02-02-2024	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
03-02-2024	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
04-02-2024	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 4 -10 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>After the harvest of crops disc/tiller may be used to plough the land immediately so as to control weeds and also to make the soil friable to conserve summer monsoon rain. Avoid burning of harvested crop residues and incorporation of crop residues in the field will facilitate faster decomposition of residues.</p>
Rice	Grain filling	Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence monitor the crop carefully if required spray dichlorvos @ 2ml/liter of water.
Maize	Sowing	By utilizing the favourable weather, sowing of irrigated maize may be continued with assured irrigation.

Bengal gram	Grain filling	Prevailing weather is favorable for pod borer incidence in Bengal gram hence farmers are request to monitor the incidence of above pest and dust malathion or fenthion 5% dust @ 10kg / ac when sufficient soil moisture is available.
Sugarcane	Planting	Under prevailing weather conditions planning may done to plant early season sugarcane as earliest possible,in order to harvest higher productivity
Turmeric	Rhizome maturing	Interval between irrigation in turmeric crop has to be increased to facilitate the maturity. .
Banana		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 Carbendazim 1 g/lit., of water.
Animal Husbandry		Increase protein level and minerals in the feed concentrate to keep the animals healthy to cope up with the cold condition

SMS advisory

- Weather is conducive for sigatoka leaf spot banana where soil moisture is high. Dry the field and spray Carbendazim @1g/liter of water.

**Professor and Head
Principal Nodal Officer (GKMS)
Agro Climate Research Centre**