



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.027/2024 Issued on 02.04.2024

(From 03rd April 2024 to 07th April 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 026 (28.03.2024) for Tamil Nadu. Maximum temperature ranged from 34°C to 39°C and minimum temperature ranged from 24°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 20°C to 27°C and minimum temperature ranged from 10°C to 13°C. During this period no rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 28.03.2024 to 01.04.2024 the Maximum temperature was recorded was 36°C to 38°C and the minimum temperature was 24°C to 25°C. The morning relative humidity recorded was 76 per cent and evening relative humidity was 16 per cent. The average wind speed recorded was 6-12 km per hour and the wind direction were from East direction.

Weather Summary for Erode district

Past week Summary (28.03.2024 to 01.04.2024)					Ensemble weather forecast valid until 08.30 hrs of 07.04.2024					
Day-1 28/03	Day-2 29/03	Day-3 30/03	Day-4 31/03	Day-5 01/04	Date	Day-1 03/04	Day-2 04/04	Day-3 05/04	Day-4 06/04	Day-5 07/04
0.0	0.0	0.0	0.0	0.0	Rainfall	0	0	0	0	0
36	37	38	38	37	Max. Temp. (°C)	40	40	40	39	39
24	25	24	24	25	Mini. Temp. (°C)	26	26	25	25	26
4	4	3	3	4	Cloud cover (Octa)	1	0	3	3	3
72	76	64	60	67	RH morning (%)	60	60	60	60	60
42	36	16	28	26	RH evening (%)	20	20	20	20	20
10	9	12	8	6	Wind (kmph)	8	6	8	6	8
70	90	90	50	50	Wind Direction	180	160	160	160	180

Weather forecast for next five days: (03.04.2024 to 07.04.2024)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be clear. Dry weather is expected on next five days. Maximum temperature is expected to be around 39°C to 40°C. Minimum temperature is expected to be around 25°C to 26°C. Morning relative humidity is expected to be around 60 per cent and evening relative humidity is expected to be around 20 per cent. Average wind speed is expected to be around 6-8 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
03-04-2024	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
04-04-2024	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
05-04-2024	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
06-04-2024	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
07-04-2024	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 with clear sky is expected during next week with wind speed of 6-12 km/hr in western zone districts.</p> <p>The temperature may be increased 1-2°C from the normal. Interior districts may get maximum temperature of >39°C.</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>In case of limited irrigation water, dust mulch (top layer to a depth of 2-3cm may be stirred well) to avoid moisture stress condition.</p>
Cumbu		<p>Considering the dry weather, land preparation may be done to sow irrigated bajra during first week of April.</p>
Vegetables	Vegetative	<p>Since temperature starts increasing sucking pest like leaf minor, jassids may be increased. Hence spray 5% neem seed kernel extract as prophylactic spray.</p>
Banana		<p>Considering the high maximum and minimum temperature and reduced evening relative humidity converged local wind may occur between 2 to 3 pm. Provide propping to the banana of more than five months old.</p>

Tapioca		Prevailing hot weather is favourable for spiraling white fly in tapioca and if require spray Triazophos @ 2 ml or Acephate @ 2 gm per litre of water
Coconut		Summer rains during next two months may be harvested in root zone of coconut by deepening the tree basin with inward slopes. Till then, ensure to provide 100 liters of water per tree per day to maintain the productivity.
Jasmine		Prevailing weather condition is favourable for mite attack in jasmine and tapioca hence farmers are requested to monitor the crop if require spray wettable sulphur @ 2.5 g or dicofol @ 2 ml per liter of water
Animal Husbandry		Increasing temperature and decreasing relative humidity may cause discomfort to the animals. Hence, provide clean water to both animals and poultry. Hang wet gunny bags around the animal shed to reduce the temperature. Do not allow animals for grazing during mid day.

SMS advisory

- The temperature may be increased 1-2°C from the normal. Interior districts may get maximum temperature of >39°C. Protect animal from heat stress.

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