



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.005/2024 Issued on 16.01.2024

(From 17th January 2024 to 21st January 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 004 (12.01.2024) for Tamil Nadu. Maximum temperature ranged from 29°C to 32°C and minimum temperature ranged from 21°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 4°C to 10°C. During this period isolated rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 12.01.24 to 15.01.24 the Maximum temperature was recorded was 30°C to 31°C and the minimum temperature was 19°C to 21°C. The morning relative humidity recorded was 90 per cent and evening relative humidity was 38 per cent. The average wind speed recorded was 4-11 km per hour and the wind direction were from East direction.

Weather Summary for Erode district

Past week Summary (12.01.2024 to 15.01.2024)				Ensemble weather forecast valid until 08.30 hrs of 21.01.2024					
Day-1 12/01	Day-2 13/01	Day-3 14/01	Day-4 15/01	Date	Day-1 17/01	Day-2 18/01	Day-3 19/01	Day-4 20/01	Day-5 21/01
0.0	0.0	0.0	0.0	Rainfall	0	0	0	0	0
30	30	30	31	Max. Temp. (°C)	31	31	30	30	31
19	19	21	21	Mini. Temp. (°C)	21	21	20	21	21
4	4	5	5	Cloud cover (Octa)	0	2	0	0	1
84	84	90	87	RH morning (%)	80	90	80	80	80
51	48	44	38	RH evening (%)	40	40	30	30	30
11	6	7	4	Wind (kmph)	6	4	6	6	6
50	90	90	90	Wind Direction	140	140	140	110	140

Weather forecast for next five days: (17.01.2024 to 21.01.2024)

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 31°C. Minimum temperature is expected to be around 20°C to 21°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 30 per cent. Average wind speed is expected to be around 4-6 km per hour and the wind direction will be from 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
17-01-2024	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
18-01-2024	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
19-01-2024	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
20-01-2024	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
21-01-2024	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

Agro Advisory

Crop	Stage	Advisory
General		<p>Dry days are expected during next week with wind speed of 6 -10 km/hr in western zone districts.</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>
Rice	Harvest, Flowering and planting	<p>By utilizing the dry days complete the harvest of samba paddy which is at harvesting stage.</p> <p>To increase setting percentage in rice under prevailing cold temperature, spray 2% DAP to rice which is around in flowering.</p> <p>In assured irrigated areas, Navarai season rice planting may be initiated with wet and dry method of irrigation.</p>
Sugarcane	Planting	<p>Under prevailing weather conditions planning may done to plant early season sugarcane as earliest possible, in order to harvest higher productivity</p>

Chillies	Vegetative	Prevailing weather condition is favorable for the powdery mildew disease in chillies. Spray Wettable sulphur 3 g/lit or Carbendazim 1 g/lit, 3 sprays at 15 days interval from the first appearance of symptom.
Turmeric	vegetative	Prevailing weather condition is also favorable for the blotch incidence in turmeric. Hence farmers are request to monitor the crop and spray mancozeb @ 2.5 g/liter of water.
Animal Husbandry		Sodium hydroxide may be used as disinfectant (200 gm in 10 liter of water) for foot and mouth disease in cattle's shed and the wounds of the infected animal may be treated with neem oil with turmeric powder.

SMS advisory

- By utilizing the prevailing weather early season sugarcane may be planted as earliest possible to harvest higher productivity

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