



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.006/2024 Issued on 19.01.2024

(From 20th January 2024 to 24th 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 005 (16.01.2024) for Tamil Nadu. Maximum temperature ranged from 30°C to 33°C and minimum temperature ranged from 19°C to 23°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 19°C to 24°C and minimum temperature ranged from 4°C to 8°C. During this period isolated rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 16.01.24 to 18.01.24 the Maximum temperature was recorded was 31°C and the minimum temperature was 19°C to 21°C. The morning relative humidity recorded was 83 per cent and evening relative humidity was 36 per cent. The average wind speed recorded was 4-8 km per hour and the wind direction were from East direction.

Weather Summary for Erode district

Past week Summary (16.01.2024 to 18.01.2024)			Ensemble weather forecast valid until 08.30 hrs of 24.01.2024					
Day-1 16/01	Day-2 17/01	Day-3 18/01	Date	Day-1 20/01	Day-2 21/01	Day-3 22/01	Day-4 23/01	Day-5 24/01
0.0	0.0	0.0	Rainfall	0	0	0	0	0
31	31	31	Max. Temp. (°C)	32	32	31	31	31
21	20	19	Mini. Temp. (°C)	22	22	21	21	22
4	4	3	Cloud cover (Octa)	4	1	5	6	4
83	77	81	RH morning (%)	90	90	90	90	90
51	36	40	RH evening (%)	40	40	40	40	40
4	8	6	Wind (kmph)	6	8	6	8	6
360	360	90	Wind Direction	140	140	140	140	140

Weather forecast for next five days:(20.01.2024 to 24.01.2024)

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 31°C to 32°C. Minimum temperature is expected to be around 21°C to 22°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 6-8 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	Perundurair	Sathyamangalam	Talavadai	TN Palayam
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
22-01-2024	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
23-01-2024	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
24-01-2024	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 -12 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> <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.</p> <p>Avoid burning of harvested crop residues and incorporation of crop residues in the field will facilitate faster decomposition of residues.</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	Under prevailing weather conditions planning may done to plant early season sugarcane as earliest possible, in order to harvest higher productivity
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.
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		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. Since the weather is conducive for mastitis disease in dairy animals, wash the udder with 1% KMnO ₄ solution before and after milking.

SMS advisory

- In assured irrigated areas, Navarai season rice planting may be initiated with wet and dry method of irrigation.

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