



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.023/2024 Issued on 19.03.2024

(From 20th March 2024 to 24th March 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 022 (15.03.2024) for Tamil Nadu. Maximum temperature ranged from 33°C to 39°C and minimum temperature ranged from 22°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 21°C to 25°C and minimum temperature ranged from 11°C to 13°C. During this period no rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 15.03.2024 to 18.03.2024 the Maximum temperature was recorded was 36°C to 37°C and the minimum temperature was 22°C to 25°C. The morning relative humidity recorded was 87 per cent and evening relative humidity was 37 per cent. The average wind speed recorded was 6-9 km per hour and the wind direction were from East direction.

Weather Summary for Erode district

Past week Summary (15.03.2024 to 18.03.2024)				Ensemble weather forecast valid until 08.30 hrs of 24.03.2024					
Day-1 15/03	Day-2 16/03	Day-3 17/03	Day-4 18/03	Date	Day-1 20/03	Day-2 21/03	Day-3 22/03	Day-4 23/03	Day-5 24/03
0.0	0.0	0.0	0.0	Rainfall	0	0	8	0	0
37	37	36	36	Max. Temp. (°C)	36	36	35	36	36
25	25	22	23	Mini. Temp. (°C)	23	23	22	23	23
6	6	5	4	Cloud cover (Octa)	5	6	6	5	4
87	81	85	76	RH morning (%)	64	84	85	84	80
47	47	42	37	RH evening (%)	47	53	52	47	47
6	8	8	9	Wind (kmph)	10	8	14	12	12
140	50	90	70	Wind Direction	90	60	90	90	90

Weather forecast for next five days: (20.03.2024 to 24.03.2024)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be clear. Light rainfall is expected on 22.03.24. Maximum temperature is expected to be around 35°C to 36°C. Minimum temperature is expected to be around 22°C to 23°C. Morning relative humidity is expected to be around 85 per cent and evening relative humidity is expected to be around 47 per cent. Average wind speed is expected to be around 8-14 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
20-03-2024	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
21-03-2024	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
22-03-2024	4.0	4.0	5.0	3.0	5.0	5.0	4.0	3.0	5.0	5.0	5.0	4.0	3.0	4.0
23-03-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
24-03-2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0

Agro Advisory

Crop	Stage	Advisory
General		Dry days with clear sky is expected during next week except 22 nd march with wind speed of 8-14 km/hr in western zone districts. Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture. In case of limited irrigation water, dust mulch (top layer to a depth of 2-3 cm may be stirred well) to avoid moisture stress condition.
Sesamum	Vegetative	Prevailing high temperature is favourable for the sucking pest incidence in sesame hence farmers are requested to monitor the field, if necessary spray 5% Neem Seed Kernel Extract or neem based insecticides.
Sugarcane	Vegetative	Since higher temperature associated with low humidity is favourable for the early shoot borer incidence in sugarcane and hence farmers are requested to do frequent irrigation to keep the field under moist condition.
Vegetables	Vegetative	Since temperature starts increasing sucking pest like leaf minor, jassids may be increased. Hence spray 5% neem seed kernel extract as prophylactic spray or Spray Imidacloprid 17.8% SC @ 0.3 ml/litre.

Banana		Since wind speed is expected to go upto 14 kmph. Proper stacking may be provided to above 5 months old crop to avoid lodging of the crops.
Coconut		Attack of rhinoceros beetle is being observed in coconut. To avoid the pest damage, remove the tree top debris and keep the naphthalene balls @ 3 to 4 number per tree along with sand. The presence of slug caterpillar infestation is noticed in coconut farms. Monitor for the pest infestation and provide root feeding with monochrotophos @ 15 ml + 15 ml of water.
Fodder		Cultivate fodder sorghum / Cumbu Napier hybrid grass under irrigated condition to meet the summer green fodder requirement of milch animal during the summer to sustain milk productivity.
Animal Husbandry		Due to high temperature, do not allow the animals to graze during noon hours (11.00 – 04.00). Provide enough cool & clean drinking water. Increase the level of vitamins in the feed to increase the digestibility. Further vitamins like A, D, E & B may be increased in the drinking water. Rest the animals under the shade. Bath the cattle's in the noon hours to prevent heat-related issues. Considering the increasing temperature, artificial insemination to milch animals can be given between 7.00 to 10.00 Am. Vaccination against Peste des petits ruminants (Aattu kollai noi) may be done in the nearby veterinary hospital.
Poultry CET		Due to high temperature, Ventilation may be improved in sheds. Shading over sheds and hanging of wetted gunny bags around the poultry sheds. During noon hours it will be helpful for reducing the temperature inside the sheds.

SMS advisory

- Vaccination against Peste des petits ruminants (Aattu kollai noi) in livestock may be done in the nearby veterinary hospital.

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