



Tamil Nadu Agricultural University

&

India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.0012/2023 Issued on 10.02.2023

(From 11th February 2023 to 15th February 2023)

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 011 (07.02.2023) for Tamil Nadu. Maximum temperature ranged from 29°C to 34°C and minimum temperature ranged from 19°C to 23°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 24°C and minimum temperature ranged from 7°C to 9°C. During this period isolated no rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 07.02.23 to 09.02.23 the Maximum temperature was recorded as 33°C to 34°C and the minimum temperature was 18°C to 21°C. The Morning relative humidity recorded was 73 per cent and evening relative humidity was 24 per cent. The average wind speed recorded was 8-10 km per hour and the wind direction were from South West direction.

Weather Summary for Erode district

Past week Summary (07.02.2023 to 09.02.2023)			Date	Ensemble weather forecast valid until 08.30 hrs of 15.02.2023				
Day-1 07/02	Day-2 08/02	Day-3 09/02		Day-1 11/02	Day-2 12/02	Day-3 13/02	Day-4 14/02	Day-5 15/02
0	0	0	Rainfall	0	0	0	0	0
33	34	33	Max. Temp. (°C)	33	33	34	34	34
18	21	21	Mini. Temp. (°C)	19	19	20	20	20
3	4	4	Cloud cover (Octa)	2	2	3	3	2
54	60	73	RH morning (%)	60	60	60	60	60
24	29	25	RH evening (%)	20	20	20	20	20
8	10	9	Wind (kmph)	4	6	8	6	6
90	90	90	Wind Direction	50	70	90	90	70

Weather forecast for next five days: (11.02.2023 to 15.02.2023)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be partly cloudy. Dry weather is expected on next five days. Maximum temperature is expected to be around 33°C to 34°C. Minimum temperature is expected to be around 19°C to 20°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 4-8 km per hour and the wind direction will be from North 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
11-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Agro Advisory

Crop	Stage	Advisory
General		<p>Dy days with wind speed of 4-10 km/hr is expected in western zone during next five days.</p> <p>Dry days are continued. Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture.</p> <p>By utilizing dry weather harvested produce may be dried and stored properly.</p>
Rice	Planting Milking	<p>Navarai season rice planting may be initiated with wet and dry method of irrigation.</p> <p>Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence farmers are requested to monitor the crop carefully if required spray dichlorvos @ 2ml/liter of water.</p>
Sugarcane	Vegetative	<p>Since dry weather is continuing, early shoot borer incidence in sugarcane may be increased. Hence farmers are requested to provide frequent irrigation to keep the field wet and do mulching.</p>

Cucurbits	Vegetative Flowering	To encourage more female flower in cucurbits, spray Ethrel 100 ppm (1 ml in 10 lit of water) four times from 10 to 15 days after sowing at weekly intervals when sufficient moisture is available.
Coconut		Since temperature starts rising, the black headed caterpillar in coconut may be seen increasing. To control the above pest in initial stage the braconid parasitoids may be released @ 2100 /ac. The parasitoids are now available in Coconut Research Station Aliyarnagar.
Turmeric	Maturity	Interval between irrigation in turmeric crop has to be increased to facilitate the maturity.
Tapioca		White fly incidence is seen in tapioca hence farmers are requested to monitor the crop carefully and place yellow sticky trap in 5 or 6 places and if required spray diazophos @ 2ml/water or imidacholoprid @ 0.6ml/ liter of water
Animal		Since the weather is conducive for occurrence of mastitis disease in dairy animals, wash the udder with 1% KMnO ₄ solution before and after milking.

SMS advisory

- Control the white fly in Tapioca, place the yellow sticks trap 5-6 places and spray diazophos @ 2ml/ or imidacholoprid @ 0.6ml/ for liter of water.

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