



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.0010/2023 Issued on 03.02.2023

(From 04th February 2023 to 08th 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 009 (31.01.2023) for Tamil Nadu. Maximum temperature ranged from 29°C to 35°C and minimum temperature ranged from 21°C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 15°C to 20°C and minimum temperature ranged from 8°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 31.01.23 to 02.02.23 the Maximum temperature was recorded as 30°C to 33°C and the minimum temperature was 19°C to 22°C. The Morning relative humidity recorded was 86 per cent and evening relative humidity was 28 per cent. The average wind speed recorded was 11-12 km per hour and the wind direction were from South West direction.

Weather Summary for Erode district

Past week Summary (31.01.2023 to 02.01.2023)			Date	Ensemble weather forecast valid until 08.30 hrs of 08.02.2023				
Day-1 31/01	Day-2 01/02	Day-3 02/02		Day-1 04/02	Day-2 05/02	Day-3 06/02	Day-4 07/02	Day-5 08/02
0.0	0.0	0.0	Rainfall	4	0	0	0	0
30	32	33	Max. Temp. (°C)	30	30	31	31	31
22	19	22	Mini. Temp. (°C)	21	21	20	20	20
7	6	7	Cloud cover (Octa)	7	7	6	6	6
86	72	48	RH morning (%)	86	86	70	70	85
44	28	40	RH evening (%)	50	50	45	45	45
11	11	12	Wind (kmph)	12	12	10	10	12
70	90	70	Wind Direction	70	70	90	90	90

Weather forecast for next five days: (04.02.2023 to 08.02.2023)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be partly cloudy. In some locations light drizzling is expected. 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 86 per cent and evening relative humidity is expected to be around 45 per cent. Average wind speed is expected to be around 10-12 km per hour and the wind direction will be from South 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
04-02-2023	2	3	2	6	7	2	6	3	2	10	5	7	0	6
05-02-2023	0	0	0	1	3	0	2	0	0	5	0	2	0	2
06-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-02-2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08-02-2023	0	0	0	0	0	0	0	0	0	2	0	0	0	0

Agro Advisory

Crop	Stage	Advisory
General		<p>Cool dry days with wind speed of 10-12 km/hr is expected in western zone during next five days. One or two places may receive light rainfall. 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>

Banana	Planting	Dry wind with 10 -12 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support. Panama wilt disease seen in some of the banana plantations. Uproot and destroy severely affected plants. Apply lime at 1 – 2 kg in the pits after removal of the affected plants. In the field, Panama wilt disease can be prevented by corm injection methods. A small portion of soil is removed to expose the upper portion of the corm. An oblique hole at 45° angle is made to a depth of 10 cm. Immediately, a gelatin capsule containing 60 mg of Carbendazim or 3 ml of 2 % Carbendazim solution or of 50 mg of <i>Pseudomonas fluorescens</i> is inserted / injected into the hole with the help of ‘corm injector’ on 2nd, 4th and 6 th month after planting. Application of press mud at 5 kg per tree reduces the wilt incidence.
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		Prevailing weather conditions is favorable for the leaf blight incidence in coconut hence farmers are request monitor the trees and if incidence seen above economical threshold level, carbendazim 2 gm may be mixed in 100 ml of water and root feeding may be done in this water for 3 times in three months interval. 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

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**Professor and Head
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