



# Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.096/2022 Issued on 02.12.2022

(From 03<sup>rd</sup> December 2022 to 07<sup>th</sup> December 2022)

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 094 (25.11.2022) for Tamil Nadu. Maximum temperature ranged from 29°C to 31°C and minimum temperature ranged from 21°C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16°C to 20°C and minimum temperature ranged from 9°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

## Erode District Past Weather

In Coimbatore district, during 29.11.22 to 01.12.22 the Maximum temperature was recorded as 28°C to 31°C and the minimum temperature was 19°C to 23°C. The Morning relative humidity recorded was 90 per cent and evening relative humidity was 54 per cent. The average wind speed recorded was 7-8 km per hour and the wind direction were from South West direction.

## Weather Summary for Erode district

Past week Summary 29.11.2022 to 01.12.2022)				Ensemble weather forecast valid until 08.30 hrs of 07.12.2022				
Day-1 29/11	Day-2 30/11	Day-3 01/12	Date	Day-1 03/12	Day-2 04/12	Day-3 05/12	Day-4 06/12	Day-5 07/12
10.1	0.5	0.0	Rainfall	1	3	4	0	0
31	28	29	Max. Temp. (°C)	30	30	29	30	31
23	21	19	Mini. Temp. (°C)	22	21	21	21	22
7	7	4	Cloud cover (Octa)	4	4	7	4	4
90	86	75	RH morning (%)	90	90	90	90	90
75	54	64	RH evening (%)	50	50	60	60	60
7	7	8	Wind (kmph)	6	8	6	6	6
70	70	360	Wind Direction	90	70	90	20	360

## Weather forecast for next five days: (03.12.2022 to 07.12.2022)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be mostly cloudy. Drizzling to light rainfall is expected on next three days. Maximum temperature is expected to be around 29°C to 31°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 50 per cent. Average wind speed is expected to be around 6-8 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	Talavada	TN Palayam
03-12-2022	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
04-12-2022	1.0	1.0	1.0	0.0	1.0	1.0	1.0	2.0	1.0	0.0	1.0	0.0	0.0	0.0
05-12-2022	2.0	2.0	2.0	4.0	2.0	2.0	3.0	1.0	1.0	3.0	2.0	4.0	7.0	3.0
06-12-2022	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
07-12-2022	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		Drizzling rainfall is alone expected with wind speed of 4-8 km/hr in western zone during next five days. Plan to complete the sprays by utilizing the non rainy days. Cool weather may restrict the root activity, hence avoid top dressing of fertilizers to rainfed and irrigated crops. Irrigation may be provided based on soil moisture.
Rice	Vegetative	Weather condition is favourable for blast incidence in rice farmers are requested to monitor the crop carefully and spray initially with tricyclozone @ 1g / litre followed by second spray with 1g carbendazim / litre of water. Since continuous cloudiness with high relative humidity may be favourable for the multiplication of brown plant hopper in rice. Hence provide sufficient drainage and ventilation for more aeration. Spray Phasalone 1500 ml /ha or chloropyriphos 1250ml/ha or Imidacloprid 100to 125ml/ha or Dichlorvos 400ml/ha. Since the temperature is low against Zinc deficiency in rice may be seen and to rectify the above deficiency sprays 0.5% Zinc Sulphate plus Urea 1% at 15 days interval twice.
Maize	Vegetative	Since drizzling rainfall is alone expected irrigation may be done maize crop which is in milking stage.
Gourds	Flowering and fruiting	Weather is favourable for leaf eating caterpillar and fruit fly attack in Gourds. To control the above spray Malathion 1ml/litre of water.
Banana		Garden land banana may be planted by utilizing the rainfall.
Turmeric	Vegetative	In irrigated turmeric, considering the high relative humidity, low minimum temperature and high wind speed, leaf spot disease may occur. Spray carbendazim (1g/1lit of water) or 2g of Mancozeb per liter of water to control the above.

Coconut		By utilizing the weather, green manure seeds may be sown around the coconut trees and incorporated after 45 days will provide nutrient to coconut and control monsoon seasonal weeds. This is best time for second dose application of fertilizer to coconut at 650 g urea + 1 kg super phosphate + 1 kg muriate of potash / tree.
Mango	Vegetative	Due to continuous wet weather, more vegetative growth is observed in mango and to induce flowering spray paclobutrazole 10g ai or 1% KNO <sub>3</sub> .
Jasmine	Vegetative	Anticipating the rainfall, prune the flower shrub Malliagai upto 50 cm height from the ground level.
Tapioca	Vegetative	With the last week of continuous rainfall, tuber rot has been noticed in tapioca. Spot drenching with copper oxy chloride @ 2.5g per liter of water may be done.
Animal		Both maximum and minimum temperature are low and hence cold weather is anticipated. Protect animal from cold weather by hanging gunny bag around the animal and poultry shed. Considering the monsoon season and consumption of newly germinated grasses, deworming may be given to sheep, goat, cattle and milch animals. Present weather is conducive for Anthrax disease in animals, hence vaccination may be done at near by animal husbandry hospitals.

### SMS advisory

- Cool weather with high morning and afternoon Relative humidity is favourable for blast incidence in rice. Monitor the crop carefully and spray initially with tricyclozone @ 1g / litre of water.

**Professor and Head  
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