



# Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.086/2022 Issued on 28.10.2022

(From 29<sup>th</sup> October 2022 to 02<sup>nd</sup> November 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 085 (25.10.2022) for Tamil Nadu. Maximum temperature ranged from 31°C to 36°C and minimum temperature ranged from 21°C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 21°C and minimum temperature ranged from 5°C to 10°C. During this period isolated rainfall was recorded in Tamil Nadu.

## Erode District Past Weather

In Erode district, during 25.10.22 to 27.10.22 the Maximum temperature was recorded as 31°C to 32°C and the minimum temperature was 20°C to 23°C. The Morning relative humidity recorded was 76 per cent and evening relative humidity was 45 per cent. The average wind speed recorded was 6-7 km per hour and the wind direction were from South West direction.

## Weather Summary for Erode district

Past week Summary 25.10.2022 to 27.10.2022)			Ensemble weather forecast valid until 08.30 hrs of 02.11.2022					
Day-1 25/10	Day-2 26/10	Day-3 27/10	Date	Day-1 29/10	Day-2 30/10	Day-3 31/10	Day-4 01/11	Day-5 02/11
0.0	0.0	0.0	Rainfall	0	8	6	4	15
31	31	32	Max. Temp. (°C)	32	32	31	30	29
23	20	21	Mini. Temp. (°C)	19	20	21	21	20
5	5	5	Cloud cover (Octa)	5	6	6	6	7
78	82	76	RH morning (%)	80	80	80	80	85
55	45	48	RH evening (%)	55	65	65	60	65
7	7	6	Wind (kmph)	6	6	6	6	6
180	180	70	Wind Direction	70	360	320	320	320

## Weather forecast for next five days: (29.10.2022 02.11.2022)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be mostly cloudy. Light rainfall is expected on 30.10.22 to 02.11.22. Maximum temperature is expected to be around 29°C to 32°C. Minimum temperature is expected to be around 19°C to 21°C. Morning relative humidity is expected to be around 85 per cent and evening relative humidity is expected to be around 55 per cent. Average wind speed is expected to be around 6 km per hour and the wind direction will be from South West 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
9-10-2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
10-10-2022	7.0	7.0	6.0	10.0	7.0	6.0	8.0	6.0	6.0	9.0	6.0	9.0	18.0	9.0
1-10-2022	5.0	6.0	4.0	11.0	6.0	4.0	7.0	5.0	4.0	9.0	5.0	10.0	12.0	9.0
1-11-2022	1.0	1.0	1.0	3.0	0.0	1.0	1.0	0.0	1.0	0.0	1.0	2.0	2.0	1.0
2-11-2022	15.0	16.0	13.0	24.0	14.0	13.0	16.0	13.0	13.0	16.0	13.0	21.0	33.0	19.0

### Agro Advisory

Crop	Stage	Advisory
General		Drizzling to light rainfall alone is expected with wind speed of 6 - 8 km/hr is expected in western zone during next five days. Minimum temperature is getting decreased to 20°C. Irrigation may be provided based on soil moisture. Fertilizer application and pesticide spraying may be done during non rainy hours.
Rice	Vegetative	Prevailing high relative humidity is favourable for bacterial leaf blight in rice. Application of copper hydroxide 77 WP @ 1.25 kg/ha or streptomycin sulphate + tetracycline combination @ 300 g + copper oxychloride @ 1.25 kg/ha should be carried out.  Present Samba rice is at tillering stage, hence apply 38 Kg N / ha as top dressing by using drizzling rainfall
Cotton	Vegetative and flowering	Cotton may get affected with reddening disease due to continuous rainfall till last week. By utilizing the dry spell, spray mixed solution of 5% Magnesium sulphate + urea 1% + zinc sulphate 0.1% at 50 <sup>th</sup> and 80 <sup>th</sup> days of sowing.  Considering the drizzling weather, apply 40 Kg N + 40Kg K <sub>2</sub> O/ha for irrigated winter Combodia cotton followed by earthing up.
Gourds	Flowering	Prevailing continues rainfall is also favourable for the vegetative growth in gourds at the time flowering. Hence to get more flowers and fruit set, application of ethrel @ 100ppm for all gourds expect ribbed gourd where 200ppm is recommended. Two spray may be scheduled at weekly interval.

Mango		Due to continuous rain till last week, mango tree may put higher vegetative growth and hence spray 1% Potassium nitrate or Paclobutrazol @10gm a. i per tree
Banana		Due to past weather, there is incidence of Sigatoka leaf spot disease in banana. Spray either Carbendazin @ 1 g/lit or Manocozeb @ 2g/lit along with teepol @ 0.5 ml after thorough mixing.
Turmeric		Prevailing weather condition is also favourable for blotch disease in turmeric. Hence farmers are requested to monitor the crop carefully & if necessary, spray Azoxystropin @ 1ml / liter of water.
Animal		<p>The chance of occurrence of foot and mouth disease in cattle during rainy season is more and therefore vaccination against the disease is warranted.</p> <p>Since rainfall is expected drainage in and around cattle and poultry sheds may be provided to avoid water stagnation. Further farmers are requested to safeguard the feed and fodder material from rain soaking.</p> <p>Animals may thirst for water due to low temperature and high humidity. Provide clean and good drinking water to animals.</p>

#### **SMS advisory**

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