



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.058/2023 Issued on 21.07.2023

(From 22nd July 2023 to 26th July 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 057 (18.07.2023) for Tamil Nadu. Maximum temperature ranged from 32°C to 37°C and minimum temperature ranged from 22°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 15°C to 19°C and minimum temperature ranged from 10°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 18.07.23 to 20.07.23 the Maximum temperature was recorded was 32°C to 34°C and the minimum temperature was 24°C. The Morning relative humidity recorded was 72 per cent and evening relative humidity was 53 per cent. The average wind speed recorded was 24-27 km per hour and the wind direction were from South West direction.

Weather Summary for Erode district

Past week Summary (18.07.2023 to 20.07.2023)			Ensemble weather forecast valid until 08.30 hrs of 26.07.2023					
Day-1 18/07	Day-2 19/07	Day-3 20/07	Date	Day-1 22/07	Day-2 23/07	Day-3 24/07	Day-4 25/07	Day-5 26/07
0.0	0.0	0.0	Rainfall	0	0	2	3	2
34	33	32	Max. Temp. (°C)	36	35	35	34	34
24	24	24	Mini. Temp. (°C)	27	27	26	25	25
5	6	5	Cloud cover (Octa)	4	4	5	6	5
64	72	71	RH morning (%)	65	65	70	75	70
53	65	60	RH evening (%)	45	45	50	60	60
27	24	25	Wind (kmph)	12	12	12	10	10
250	230	230	Wind Direction	250	250	250	250	250

Weather forecast for next five days: (22.07.2023 to 26.07.2023)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be mostly cloudy. Light rainfall is expected on 24.7.23, 25.07.23 & 26.07.23. Maximum temperature is expected to be around 34°C to 36°C. Minimum temperature is expected to be around 25°C to 27°C. Morning relative humidity is expected to be around 75 per cent and evening relative humidity is expected to be around 60 per cent. Average wind speed is expected to be around 10-12 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	Talavadai	TN Palayam
22-07-2023	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
23-07-2023	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-07-2023	0.0	1.0	0.0	8.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	5.0	5.0	4.0
25-07-2023	2.0	2.0	1.0	5.0	1.0	1.0	2.0	1.0	1.0	2.0	1.0	4.0	4.0	3.0
26-07-2023	1.0	1.0	0.0	4.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	3.0	3.0	2.0

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall with high wind speed of 10 - 24 km/hr in Western Zone districts during next five days. Coimbatore and Tiruppur may have a heavy wind speed of 20 – 24 km/hr in all five days. Provide irrigation based on soil moisture.
Maize	Vegetative	Irrigated maize crop at 30 days old may be top dressed with urea 55kg and 12kg MOP/ acre after weeding.
Groundnut	Flowering	Prevailing weather condition is conducive for the Cercospora leaf spot in groundnut and if already infected, spray Mancozeb @ 2.5 g per liter of water.
Sugarcane	Vegetative	Since rainfall with squally wind is expected, detrash and propping in five months old sugarcane crop is recommended against the lodging. Late season sugarcane planting can be continued and if already planted, gap filling may be done.
Cotton		Due rainy weather, cotton may be sown in polythene pockets
Tomato	Nursery	Due to cloudy and rainy weather, drench the soil near stem region of tomato seedlings with <i>Trichoderma</i> powder @ 10g/lit against soil borne diseases.
Gourds	Sowing	With the receipt of anticipated rainfall gourds vegetables seeds may be sown.

Banana	Above 5 months old	Rainfall with 10-12 km/hour wind speed may cause lodging in banana. Providing support to five months and above old banana.
Turmeric	Vegetative	For 30 days old turmeric crop topdressing with 55 kg of Urea and 30kg of Muriate of potash is recommended. For correcting micronutrients deficiency, apply each 375 g of ferrous sulphate, Zinc sulphate, Borax and Urea in 250 lit of water/ha. Spraying twice at 25 days interval is recommended.
Coconut		Those not applied fertilizer to Coconut may prepare basins 1.8 m from the base around the tree and apply 50 kg of FYM or compost or green manure, 650 g urea, 1.0 kg super phosphate and 1.0 kg muriate of potash during June – July.
Animal Husbandry		Due to windiness, flies' population will be more in animal shed. Provide adequate cleaning and sprinkle potassium permanganate solution three times a day. Adequate support may be provided to animal shed. Hang the gunny bags surrounding the animal shed. Feed material of poultries may be drifted due to high wind speed and hence, hang gunny bags at the borders of the shed to reduce wind speed.

SMS advisory

- Due to cloudy and rainy weather, drench the soil near stem region of tomato seedlings with *Trichoderma* powder @ 10g/lit against soil borne diseases.

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