



# Tamil Nadu Agricultural University

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India Meteorological Department  
Agromet Advisory Bulletin for the Erode District

Bulletin No.060/2022 Issued on 29.07.2022

(From 30<sup>th</sup> July 2022 to 03<sup>rd</sup> August 2022)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 059 (26.07.2022) for Tamil Nadu. Maximum temperature ranged from 30°C to 37°C and minimum temperature ranged from 20°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 21°C and minimum temperature ranged from 9°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

## Weather Summary for Erode district

Past week Summary (26.07.2022 to 28.07.2022)			Ensemble weather forecast valid until 08.30 hrs of 03.08.2022					
Day-1 26/07	Day-2 27/07	Day-3 28/07	Date	Day-1 30/07	Day-2 31/07	Day-3 01/08	Day-4 02/08	Day-5 03/08
1.3	6.9	24.9	Rainfall	18	6	20	8	18
33	31	33	Max. Temp. (°C)	34	33	33	33	32
24	23	23	Mini. Temp. (°C)	23	23	22	22	22
7	6	5	Cloud cover (Octa)	5	5	7	7	5
88	88	85	RH morning (%)	70	70	75	75	75
91	62	50	RH evening (%)	60	60	65	65	60
8	8	8	Wind (kmph)	6	6	8	8	6
90	250	90	Wind Direction	180	250	320	290	290

## Weather forecast for next five days: (30.07.2022 to 03.07.2022)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Moderate to heavy rainfall is expected on next five days. Maximum temperature is expected to be around 32°C to 34°C. Minimum temperature is expected to be around 22°C to 23°C. Morning relative humidity is expected to be around 75 per cent and evening relative humidity is expected to be around 65 per cent. Average wind speed is expected to be around 6-8 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
27-07-2022	34	37	36	48	42	36	42	33	36	48	39	46	40	44
28-07-2022	14	17	13	30	25	11	25	15	13	34	19	28	15	26
29-07-2022	70	62	53	59	59	47	60	74	55	61	55	60	50	61
30-07-2022	20	24	19	50	30	17	33	20	19	43	25	42	27	37
31-07-2022	53	62	45	101	95	36	92	55	46	133	70	101	49	95

### Agro Advisory

Crop	Stage	Advisory
General		Moderate to heavy rainfall is expected in western zone during next five days. Hence, provide adequate drainage to all crops. Isolated areas adjoining to western ghats will receive heavy rain fall, hence provide contour trench channel for draining the excess water from cultivated field and fallow land to reduce soil erosion.
Rice	Transplanting	Due to heavy rainfall postpone the transplanting of rice
Maize	Vegetative	Irrigated maize crop at 30 days old may be top dressed with urea 55kg and 12kg MOP/ acre after weeding. Utilizing the received and anticipated rainfall, sowing of irrigated maize may be continued with proper drainage.
Groundnut	Vegetative	Prevailing weather condition is conducive for the cercospora leaf spot in groundnut monitor the disease initiation and if already crop is infected spray mangoceb @ 2.5 g per litre of water.
Sugarcane		De-trashing, removal of dry cane leaves and propping is advised to avoid borer infestation in early season planted cane of 150 days old. By utilizing the anticipated rainfall, top dressing may be done in late season planted cane with 90kg Nitrogen/ ha + 37kg K <sub>2</sub> O/ ha. Nitrogen may be applied through neem cake blended.
Cotton	Sowing	Continuous rain in some areas leads to poor germination in rainfed cotton hence farmers are requested to raise additional seedlings in polythene bags and may be transplanted to maintain the plant population at later stage.

Tomato	Nursery	Considering the cloudy and humid weather <i>Trichoderma viride</i> may be applied @ 2.5 kg per hectare to prevent damping off disease or soil borne diseases in tomato.
Banana		Prevailing weather condition is favourable for the sigatoka leaf spot in banana hence farmers are requested to monitor the crop carefully and spray Carbendazim 1 g/lit or Mancozeb 2 g/lit or Copper oxychloride 2.5 g/lit or Chlorothalonil 2 g/lit. Always add 5 ml of wetting agent per 10 lit of spray fluid.
Curry leaf		Leaf spot disease is noticed in Curry leaf due to prevailing weather and hence, spray Carbendazim @ 1g/ lit of water.
Coconut		By utilizing rainfall, apply fertilizer for coconut @ 650 g urea, 1kg Superphosphate, 1kg MOP and 2kg Neem cake along with 50kg FYM. Provide inward basin in and around the coconut trees to harvest rainwater in root zone.
Animal		Prevailing weather is conducive for mastitis disease in milch animals. Wash the udder with 1 per cent KMnO <sub>4</sub> before and after milking. Monsoon favours Enterotoxemia and Blue Tongue diseases in Goat. Provide vaccine to Goats at nearby Veterinary hospitals. Also do deworming. Due to rainfall and high wind speed poultry shed may be protected by hanging of gunny bags at the borders of the shed.

### SMS advisory

- Prevailing weather is conducive for the cercospora leaf spot in groundnut monitor and if needed, spray mangozeb @ 2.5 g per litre of water.

**Professor and Head  
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Agro Climate Research Centre**