



Tamil Nadu Agricultural University

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India Meteorological Department
Agromet Advisory Bulletin for the Erode District

Bulletin No.061/2022 Issued on 02.08.2022

(From 03rd August 2022 to 07th August 2022)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 060 (29.07.2022) for Tamil Nadu. Maximum temperature ranged from 32°C to 37°C and minimum temperature ranged from 22°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 19°C to 24°C and minimum temperature ranged from 10°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Erode district

Past week Summary (29.07.2022 to 01.08.2022)					Ensemble weather forecast valid until 08.30 hrs of 07.08.2022				
Day-1 29/07	Day-2 30/07	Day-3 31/07	Day-3 01/08	Date	Day-1 03/08	Day-2 04/08	Day-3 05/08	Day-4 06/08	Day-5 07/08
7.9	0.5	2.6	23.3	Rainfall	18	22	30	10	6
35	33	34	33	Max. Temp. (°C)	31	30	28	28	30
23	24	23	23	Mini. Temp. (°C)	21	19	19	19	21
6	6	5	7	Cloud cover (Octa)	7	7	7	7	6
83	90	82	96	RH morning (%)	80	80	80	80	75
62	96	57	68	RH evening (%)	70	70	70	70	60
6	11	11	16	Wind (kmph)	8	8	10	10	10
70	230	200	200	Wind Direction	200	200	200	230	230

Weather forecast for next five days: (03.08.2022 to 07.08.2022)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be mostly cloudy. Moderate to heavy rainfall is expected on next five days. Maximum temperature is expected to be around 28°C to 31°C. Minimum temperature is expected to be around 19°C to 21°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 70 per cent. Average wind speed is expected to be around 8 to 10 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
03-08-2022	43	49	45	72	62	44	62	41	45	77	54	68	50	64
04-08-2022	72	86	59	149	134	44	131	80	60	192	97	145	56	136
05-08-2022	134	142	131	256	132	129	153	116	127	161	132	203	175	180
06-08-2022	35	35	28	72	32	26	39	29	27	44	30	56	42	48
07-08-2022	2	1	0	7	0	0	2	1	0	3	0	4	5	3

Agro Advisory

Crop	Stage	Advisory
General		<p>Moderate to heavy rainfall is expected in western zone during next five days. Hence, provide adequate drainage to all crops.</p> <p>The runoff water may be properly drained to farm pond for supplemental irrigation during later days.</p> <p>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.</p>
Rice	Transplanting	Due to heavy rainfall postpone the transplanting of rice
Maize	Vegetative	Utilizing the received and anticipated rainfall, sowing of irrigated maize may be continued with proper drainage. This best time for sowing irrigated maize for reaping potential yield.
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		<p>De-trashing, removal of dry cane leaves and propping is advised to avoid borer infestation in early season planted cane of 150 days old.</p> <p>By utilizing the anticipated rainfall, top dressing may be done in late season planted cane with 90kg Nitrogen/ ha + 37kg K₂O/ ha. Nitrogen may be applied through neem cake blended.</p>

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	Planting	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. Since rain fall is expected, tomato seedlings may be planted in ridges and furrows.
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 Super phosphate, 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 KM_nO_4 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

- The runoff water due to heavy rainfall may be properly drained to farm pond for supplemental irrigation during later days.

**Professor and Head
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