



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.062/2022 Issued on 05.08.2022

(From 06th August 2022 to 10th August 2022)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 061 (02.08.2022) for Tamil Nadu. Maximum temperature ranged from 29°C to 36°C and minimum temperature ranged from 21°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 19°C and minimum temperature ranged from 10°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Erode district

Past week Summary (02.08.2022 to 04.08.2022)				Ensemble weather forecast valid until 08.30 hrs of 10.08.2022				
Day-1 02/08	Day-2 03/08	Day-3 04/08	Date	Day-1 06/08	Day-2 07/08	Day-3 08/08	Day-4 09/08	Day-5 10/08
12.5	6.9	3.1	Rainfall	15	6	8	6	6
33	29	28	Max. Temp. (°C)	29	29	30	31	31
22	22	23	Mini. Temp. (°C)	21	22	22	23	23
7	7	8	Cloud cover (Octa)	6	6	5	5	5
88	95	95	RH morning (%)	75	75	75	70	70
88	87	96	RH evening (%)	60	60	60	55	55
22	13	19	Wind (kmph)	10	10	10	10	10
200	230	200	Wind Direction	230	250	250	230	230

Weather forecast for next five days: (06.08.2022 to 10.08.2022)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be mostly cloudy. Light to Moderate rainfall is expected on next five days. Maximum temperature is expected to be around 29°C to 31°C. Minimum temperature is expected to be around 21°C to 23°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 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
06-08-2022	29	32	25	84	28	23	38	22	23	43	27	62	66	52
07-08-2022	5	6	4	19	5	4	7	4	4	8	5	13	12	10
08-08-2022	7	8	6	11	9	6	9	10	7	12	8	11	7	10
09-08-2022	4	6	3	13	11	2	11	5	3	17	7	12	6	11
10-08-2022	0	0	0	3	0	0	0	0	0	1	0	2	2	1

Agro Advisory

Crop	Stage	Advisory
General		Light to Moderate rainfall is expected in western zone during next five days. Hence, provide adequate drainage to all crops. The runoff water may be properly drained to farm pond for supplemental irrigation during later days.
Rice	Transplanting	Considering the rainfall, postpone the rice transplanting to avoid displacement of seedlings.
Maize	Vegetative	Utilizing the received and anticipated rainfall, sowing of maize may be continued with proper drainage. This is the best time for sowing maize with proper drainage for reaping potential yield.
Sugarcane		Wind speed is more than 16 km per hour, hence five months old banana and sugarcane may be propped against lodging. Avoid irrigation pest irrigation.
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.

Gourd		This is the best time for take-up sowing gourds like snake gourd, bitter gourd and other cucurbits. Hence farmers are requested take up sowing of above crops.
Turmeric		Considering the anticipated rainfall provide drainage in Turmeric against rhizome rot. Since relative humidity and wind speed are above the threshold level, leaf spot disease in turmeric may appear. To control, spray 500 g Carbendazim or 1000g Mancozeb or 1250g copper oxy chloride per hectare to be dissolved in 500 litres of water.
Curry leaf		Leaf spot disease is noticed in Curry leaf due to prevailing weather and hence, spray Carbendazim @ 1g/ lit of water.
Coconut		Provide inward basin in around the coconut trees to harvest rainwater in root zone.
Animal		Due to expected rainfall and high wind speed poultry shed may be protected by hanging of gunny bags at the borders of the shed. Since continuous rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds.

SMS advisory

- Considering the rainfall, this is best time for sowing maize with proper drainage for reaping potential yield.

**Professor and Head
Principal Nodal Officer (GKMS)
Agro Climate Research Centre**