



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.057/2021 Issued on 16.07.2021

(From 17th July 2021 to 21st July 2021)

Issued jointly by Agro Climate Research Centre, TNAU and IMD

Weather Summary for the period since the issue of last bulletin 056 (13.07.2021) for Tamil Nadu. Maximum temperature ranged from 29°C to 39°C and minimum temperature ranged from 20°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 14°C to 22°C and minimum temperature ranged from 10°C to 12°C. During this period isolated rainfall was observed in Tamil Nadu.

Weather Summary for Erode district

Past week Summary (13.07.2021 to 15.07.2021)				Ensemble weather forecast valid until 08.30 hrs of 21.07.2021				
13/07	14 /07	15/07	Date	Day-1 17/07	Day-2 18/07	Day-3 19/07	Day-4 20/07	Day-5 21/07
0.0	0.5	5.4	Rainfall (mm)	10	15	15	0	0
31	32	31	Max. Temp. (°C)	29	28	29	30	30
22	22	21	Mini. Temp. (°C)	22	22	22	23	23
7	7	7	Cloud cover (Octa)	8	8	8	8	7
93	85	82	RH morning (%)	90	90	90	90	85
51	67	87	RH evening (%)	60	60	65	60	60
17	19	10	Wind (kmph)	10	10	15	12	15
270	230	230	Wind Direction	230	230	230	230	230

Weather forecast for next five days: (17.07.2021 to 21.07. 2021)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy, light to moderate rainfall is expected is expected. Maximum temperature is expected to be around 28°C to 30°C. Minimum temperature is expected to be around 22°C to 23°C. Morning relative humidity is expected to be around 85 to 90 per cent and evening relative humidity is expected to be around 60 to 65 per cent. Average wind speed is expected to be around 10 to 15 km per hour and the wind direction will be from South west direction.

Agro Advisory

Crop	Stage	Advisory
General		Moderate rainfall along the western ghats and isolated rain in plains of western zone districts is expected. Irrigation may be postponed based on soil moisture. Rain along with wind speed around 15 km/hour is expected. Proper support must be provided to banana, sugarcane and other tall growing trees.
Rice	Transplanting Tillering	Since moderate rainfall is expected, keep 5cm water in recently transplanted field to avoid seedling displacement. Considering the anticipated rainfall, apply fertilizer as top dressing @ 33 kg Urea and 10kg Potassium per acre for paddy at tillering stage.
Sorghum	Vegetative	If rainfall received is more than 15mm, apply Urea @ 25 kg/ha to rainfed sorghum.
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall.
Gourds Vegetable	Land preparation	Best season for sowing gourds vegetable is between July 20 th and 30 th Hence dig the pit by utilizing the anticipated rainfall.
Turmeric		Occurrence of leaf spot incidence in turmeric crop may be monitored because of heavy wind, high relative humidity and cloudiness. Spray Mancozeb 0.25% or copper oxy chloride 0.25% immediately after the appearance of symptom and at 15 days interval. By utilizing the rainfall top dressing may be done. Turmeric with 55 kg of Urea and 30kg of Muriate of potash.
Banana		Rain may be accompanied with high wind speed of >15 km/hour. Provide adequate stacking to 5 months old and above banana against lodging.
Animal		Prevailing weather is favourable for mastitis disease in milching animals. Hence, use potassium permanganate for cleaning the udder before and after milking. Due to high relative humidity, animals may have more thirst for water. Hence, provide adequate drinking water to animals.

SMS advisory

- If rainfall received is more than 15mm, apply Urea @ 25 kg/ha to rainfed sorghum.

**Professor and Head
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