



## Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.035/2021 Issued on 30.04.2021

(From 01<sup>st</sup> May 2021 to 05<sup>th</sup> May 2021)

Issued jointly by Agro Climate Research Centre, TNAU and IMD

Weather Summary for the period since the issue of last bulletin 034 (27.04.2021) for Tamil Nadu.

Maximum temperature ranged from 34°C to 41°C and minimum temperature ranged from 21°C to 29°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 12°C. During this period isolated rainfall was observed in Tamil Nadu.

### Weather Summary for Erode district

Past week Summary (27.04.2021 to 29.04.2021)				Ensemble weather forecast valid until 08.30 hrs of 05 05.2021				
27/04	28/04	29/04	Date	Day-1 01/05	Day-2 02/05	Day-3 03/05	Day-4 04/05	Day-4 05/05
0.0	0.0	0.0	Rainfall (mm)	2	0	4	1	1
35	36	36	Max. Temp. (°C)	37	37	37	36	36
25	25	25	Mini. Temp. (°C)	24	24	24	24	24
7	4	4	Cloud cover (Octa)	7	7	7	7	7
78	81	77	RH morning (%)	85	85	85	85	85
53	45	50	RH evening (%)	40	40	40	40	40
10	11	13	Wind (kmph)	10	10	10	10	10
180	180	200	Wind Direction	200	200	200	200	200

### Weather forecast for next five days: (01.05.2021 to 05 05.2021)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy, Rainfall with thunderstorm and lightning is likely to occur at isolated places Maximum temperature is expected to be around 36°C to 37°C. Minimum temperature is expected to be around 24°C. Morning relative humidity is expected to be around 85 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 10 km per hour and the wind direction will be from South west direction.

## Agro Advisory

Crop	Stage	Advisory
General		Rainfall with thunderstorm and lightning is likely to occur in isolated places of the Western Ghats districts. To harvest the summer rain and to facilitate the crop residue recycling, plough the harvested and fallow lands against the slopes with inverting type plough.
Sorghum	Sowing	Considering the light rainfall, sowing of irrigated sorghum may be continued in the ploughed area followed by irrigation.
Bajra / Cumbu	Sowing and early vegetative	By utilizing rainfall sowing and gap filling of irrigated Cumbu may be continued. Seed hardening may done before sowing with 2% KCl solution (16 h soaking 5 h shade dry).
Sesame		Considering the present day both high maximum and minimum temperature, the sucking pest “Ekkadian” may appear in the milky capsules of summer irrigated Sesame sown during Feb 2 <sup>nd</sup> week. To control the pest spray 5% Neem seed kernels extract during the evening hours.
Sugarcane	Vegetative	Detrashing (removing dry cane leaves) may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall. By utilizing received and anticipated rainfall, late season sugarcane can be planted. Before planting treat the setts with 0.1% carbendazim for 15 minutes. Because of continuous rainfall iron deficiency may be noticed in early season planted sugarcane. Then spray 1% ferrous sulphate with 1% Urea at 15 days interval till deficiency symptoms get cleared.
Vegetables	Vegetative and flowering	Prevailing dry weather situation is favourable for the mite attack in vegetables. Hence the farmers are requested to monitor the crop and if needed spray dicofol @ 2.5 ml or wettable sulphur @ 3.5 gm per liter of water
Mango		Irrigate the Mango trees to prevent fruit dropping due to high temperature and dry weather.
Banana		Summer rain may be accompanied with squally winds. Provide adequate stacking to 5 months old and above banana against lodging. Heart rot disease in banana is being observed in some pockets. Hence 20gm bleaching powder may be mixed in 1 litre of water and applied to nearby areas of tree.
Coconut		Basin of Coconut may be harrowed with spade and khurpi or hand hoe to conserve rain water received from anticipated rainfall. Light drizzling is alone expected. Hence irrigation may be done according to soil moisture.
Turmeric	Planting	Considering the prevailing weather ploughing may be done for planting turmeric. During last ploughing, apply FYM @ 12.5 tons per hectare.
Mushroom		Since high temperature is prevailing, application of water through sprinkler irrigation is beneficial to the mushroom shed to increase the productivity.
Animal Husbandry		Considering the hot weather, do not allow animal to stay outside during 11am to 4 pm. Wherever no rainfall, application of water over the sheds of the cattle and poultry will reduce the heat stress or even hanging of wetted gunny bags will also reduce the temperature in considerable extent.

### SMS advisory

- Considering the light rainfall, sowing of irrigated sorghum may be continued in the ploughed area followed by irrigation.

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