



# Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.034/2021 Issued on 27.04.2021

(From 28<sup>th</sup> April 2021 to 02<sup>nd</sup> May 2021)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 033 (23.04.2021) 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 (23.04.2021 to 26.04.2021)					Ensemble weather forecast valid until 08.30 hrs of 02 05.2021				
23/04	24/04	25/04	26/04	Date	Day-1 28/04	Day-2 29/04	Day-3 30/04	Day-4 01/05	Day-5 02/05
0.3	1.5	0.0	1.3	Rainfall (mm)	4	2	1	0	1
36	35	36	36	Max. Temp. (°C)	35	35	35	35	35
25	25	25	25	Mini. Temp. (°C)	25	25	25	25	25
6	6	6	6	Cloud cover (Octa)	6	6	6	6	6
81	76	73	73	RH morning (%)	85	85	85	85	85
57	52	54	46	RH evening (%)	45	45	45	45	45
13	11	6	9	Wind (kmph)	10	10	10	10	10
200	230	200	200	Wind Direction	230	230	230	230	230

## Weather forecast for next five days: (28.04.2021 to 02 05.2021)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be mostly cloudy, Rainfall with thunderstorm and lightning is likely to occur at isolated places. Maximum temperature is expected to be around 35°C. Minimum temperature is expected to be around 25°C. Morning relative humidity is expected to be around 85 per cent and evening relative humidity is expected to be around 45 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 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. Since the cloud cover is more and expecting thunderstorm, soil application of nutrients may be avoided for all irrigated crops. Rain may washout the sucking pest in vegetable crops. Do not spray pesticides.
Sorghum	Sowing	Considering the drizzling sowing of irrigated sorghum may be taken in the ploughed area followed by irrigation.
Bajra / Cumbu	Sowing and early vegetative stage	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). With continuous rain, there may be heavy weeds infestation in irrigated cumbu crop. Once dry spell is noticed hand weed, thin and gap fill at 15 cm interval.
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 clear.
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 Propergite @ 2.5 ml or Spiromesfen @ 0.5 ml per liter of water
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 especially coconut and banana.
Turmeric	Planting	Considering the prevailing weather ploughing may be done for planting turmeric. During last ploughing, applied FYM @ 12.5 tons per hectare.
Animal Husbandry		Rain may be accompanied with thunders and lightening. Hence during the rain animals may not be allowed for open grazing. Farmers are requested to cut off the power connection to the cattle and poultry sheds since thunderstorm and lightening is expected. Further they are requested to safeguard the fodder and food materials of cattle and poultry. In some places Thullumari disease is observed in sheep and goats hence allow the sheep and goats only during sunshine hours. Further they are requested to vaccinate in nearby veterinary hospital.

### SMS advisory

- Summer rain may be accompanied with squally winds. Provide adequate stacking to 5 months old banana against lodging.

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