

Agro-Met Advisory Bulletin for the Erode District
Forecast Period: 05th August 2018 to 09th September 2018

Issued jointly by TNAU and IMD

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Weather Summary for the period since the issue of last bulletin 69 (31.08.2018) for Tamil Nadu.

Maximum temperature ranged from 30°C to 37°C and minimum temperature was ranged around 21°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 20°C and minimum temperature ranged 10°C to 13°C during the period. Isolated rainfall was recorded in Tamil Nadu.

Past weather Summary for Erode district

Cloud Cover (Octa)	5-7
Rainfall (mm)	8.1
Maximum temperature(°C)	30-33
Minimum temperature (°C)	23
Morning relative humidity (%)	79-90
Evening relative humidity (%)	57-80
Wind speed (Kmph)	13-19

Weather forecast for next five days: 05.09.2018 to 09.09.2018

According to the district forecast issued by the India Meteorological Department for Erode district, sky will be mostly cloudy. Light drizzling rainfall is expected on 06.09.18 and 09.09.18. Maximum temperature is expected to be around 32°C to 33°C minimum temperature is expected to be around 22°C to 23°C. Morning relative humidity is expected to be around 80 to 85 per cent and evening relative humidity is expected to be around 45 to 50 per cent. Average wind speed is expected to be around 8 to 10 km per hour and the wind direction will be from southwest direction.

Date	Rainfall (mm)	MaxTemp. (°C)	Min Temp. (°C)	Total Cloud cover (octa)	MaxRH (%)	Min RH (%)	Wind speed (kmph)	Wind direction (deg)
05.09.18	0.5	33	23	6	85	45	10	240
06.09.18	1	33	23	6	85	45	10	240
07.09.18	0	32	22	6	80	45	10	240
08.09.18	0	32	22	6	80	45	8	240
09.09.18	4	33	23	6	85	50	8	240

Crop Stages at Erode

Taluks	Sugar cane	Cumbu	Turmeric	Millets	Cotton
Ammamet	V	M	V	M	S & BP
Bhavani	V	M	V	M	S & BP
Erode	V	M	V	M	S & BP
Perundurai	V	M	V	M	S & BP
Sathyamangalam	V	M	V	M	S & BP
Nambiyur	V	M	V	M	S & BP
Gobichettipalayam	V	M	V	M	S & BP

V-Vegetative; M-Maturity; BP-Boll picking; S-Sowing

Agro Advisory

- ✓ The period between September to November is the vulnerable period for the spread of foot and mouth disease. Hence vaccination of is advised for the control of disease.
- ✓ Considering the rainfall gap filling in Cambodia cotton may be done to maintain optimum population. If stunted growth observed, spray urea 0.5% under enough soil moisture condition.
- ✓ Due to cloudy weather micronutrient deficiency may occur in Tapioca under red calcareous soils. Hence, spray 1% ferrous sulphate +1% Magnesium sulphate + 0.1% urea solution under enough soil moisture condition.
- ✓ By utilizing the rainfall and soil moisture, Turmeric crop at age of 90 days may be 3rd drop dressing with 50 kg of urea and 30kg of muirate of Potash.
- ✓ Provide propping for early season and midseason planted canes against lodging with heavy wind anticipated. Also protect banana crop against lodging by giving support.

SMS advisory

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**Professor and Head
Agro Climate Research Centre**