



Tamil Nadu Agricultural University
&
India Meteorological Department
Agromet Advisory Bulletin for the Erode District
Bulletin No.052/2022 Issued on 01.07.2022
(From 02nd July 2022 to 06th July 2022)



Issued jointly by Agro Climate Research Centre, TNAU and IMD

Weather Summary for the period since the issue of last bulletin 051 (28.06.2022) for Tamil Nadu. Maximum temperature ranged from 32°C to 38°C and minimum temperature ranged from 23°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17°C to 22°C and minimum temperature ranged from 9°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Erode district

Past week Summary (26.06.2022 to 30.06.2022)						Ensemble weather forecast valid until 08.30 hrs of 06.07.2022				
Day-1 26/06	Day-2 27/06	Day-3 28/06	Day-4 29/06	Day-5 30/06	Date	Day-1 02/07	Day-2 03/07	Day-3 04/07	Day-4 05/07	Day-5 06/07
0.0	0.0	0.0	0.0	0.6	Rainfall	3	4	7	4	2
27	34	33	32	32	Max. Temp. (°C)	34	34	34	34	34
23	24	23	23	23	Mini. Temp. (°C)	23	23	23	23	23
5	6	6	6	7	Cloud cover (Octa)	5	5	5	5	5
79	76	78	78	81	RH morning (%)	70	70	70	70	70
47	58	67	74	95	RH evening (%)	50	50	50	50	50
29	24	15	23	21	Wind (kmph)	10	10	10	10	10
250	230	230	230	230	Wind Direction	290	290	290	250	230

Weather forecast for next five days: (02.07.2022 to 06.07.2022)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be mostly cloudy. Light rainfall is expected on next five days. Maximum temperature is expected to be around 34°C. Minimum temperature is expected to be around 23°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 50 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		Light rainfall along with wind speed @ 10 – 14 kmph is expected during this week in Western zone districts. Temperature is slightly increasing compared to last week. Irrigation may be done to the crops based on soil moisture.
Rice	Sowing	The expected temperature is favourable for sucking pest incidence in the rice nursery field. Hence, monitor for the pest infestation and if needed spray 5% neem seed kernel extract.
Maize	Sowing	By utilizing the rainfall, continue the sowing of irrigated maize and sunflower.
Pulses		Light rainfall is alone expected, dust mulching given to rain fed pulse crops such as cowpea and green gram etc.,
Sugarcane		De-trashing, removal of dry cane leaves and propping is advised to avoid borer infestation in early season planted cane of 150 days old.
Gourd	Land preparation	By utilizing the last week rain and anticipated rain during this week, gourds vegetables may be continued.
Banana		Since rainfall with wind speed of 10 to 14 kmph is expected along with rainfall, propping may be done to banana crop to prevent lodging.
Turmeric		Occurrence of leaf spot incidence in turmeric crop may be monitored because of heavy wind, high relative humidity and cloudiness.
Coconut		By utilizing rainfall, apply fertilizer for coconut @ 650 gm urea, 1kg Superphosphate, 1kg MOP and 2kg Neem cake along with 50kg FYM. Provide inward basin in around the coconut trees to harvest rainwater in root zone. Root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut.
Animal		Since Wind speed of 10 - 14 km is expected along with rainfall, provide adequate care to the animal sheds. Due to heavy wind speed sufficient quantity of good quality of water is necessary to the poultry birds. Further provide feed during morning hours to avoid food wastage and hanging of gunny bags the border of the shed is beneficial. Do not allow the animals to graze on newly grown grasses, due to the receipt of last week rain. Since the Relative Humidity is anticipated to be high along with rainfall, feed animals with dried concentrates.

SMS advisory

- De-trashing, removal of dry cane leaves and propping is advised to avoid borer infestation in early season planted cane of 150 days old.

Professor and Head
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Agro Climate Research Centre