



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.065/2022 Issued on 16.08.2022

(From 17th August 2022 to 21th August 2022)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 064 (12.08.2022) for Tamil Nadu. Maximum temperature ranged from 31°C to 38°C and minimum temperature ranged from 22°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16°C to 22°C and minimum temperature ranged from 08°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Erode district

Past week Summary (12.08.2022 to 15.08.2022)					Ensemble weather forecast valid until 08.30 hrs of 21.08.2022				
Day-1 12/08	Day-1 13/08	Day-2 14/08	Day-3 15/08	Date	Day-1 17/08	Day-2 18/08	Day-3 19/08	Day-4 20/08	Day-5 21/08
0.0	0.0	0.0	0.0	Rainfall	8	15	12	3	0
31	32	33	32	Max. Temp. (°C)	34	35	33	33	34
23	22	23	23	Mini. Temp. (°C)	24	24	23	24	24
6	5	6	6	Cloud cover (Octa)	6	7	7	6	5
66	80	83	83	RH morning (%)	70	75	75	70	65
54	63	64	59	RH evening (%)	60	65	65	55	55
24	16	16	11	Wind (kmph)	6	6	6	6	6
230	200	200	200	Wind Direction	250	270	270	270	290

Weather forecast for next five days: (17.08.2022 to 21.08.2022)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be mostly cloudy. Light to moderate rainfall is expected on next five days. Maximum temperature is expected to be around 33°C to 35°C. Minimum temperature is expected to be around 23°C to 24°C. Morning relative humidity is expected to be around 75 per cent and evening relative humidity is expected to be around 55 per cent. Average wind speed is expected to be around 6 km per hour and the wind direction will be from South West direction.

Erode District Block Wise Rainfall (mm) for next five days														
Date	Ammapet	Anthiyur	Bhavani	Bhavanisagar	Chenimalai	Erode	Gopi	Kodumudi	Modakurichi	Nambiyur	Perundurai	Sathyamangalam	Talavadai	TN Palayam
17-08-2022	15	17	18	24	18	18	18	13	17	20	18	18	21	20
18-08-2022	47	49	52	50	46	54	47	43	51	44	50	50	54	47
19-08-2022	57	59	58	64	62	57	62	65	59	65	60	60	59	62
20-08-2022	23	28	25	39	40	24	38	25	25	51	33	33	26	38
21-08-2022	9	12	7	21	22	4	21	13	7	33	14	14	7	21

Agro Advisory

Crop	Stage	Advisory
General		<p>Light rainfall is expected in western zone during next five days. Hence, provide irrigation based on the soil moisture.</p> <p>Rainfall with moderate wind speed may lodge the tall crops. Provide adequate support.</p>
Rice	Transplanting & Flowering	<p>Since the rainfall is light, the transplanting of rice may be continued with proper drainage.</p> <p>By utilizing anticipated rainfall, apply 2nd top dressing @ 25kg Urea and 10kg Potash per acre to transplanted kar season rice.</p> <p>Due to expected rainfall already sown rice nursery may displaced. Hence, farmers are requested to irrigation during evening hours and drain in the next day morning</p>
Groundnut		<p>Weather conditions is favorable for the tikka leaf spot incidence in Groundnut and monitor the incidence, if necessary, spray Carbendazim 500 gram or Mancozeb 1000 gram per ha.</p>
Sugarcane		<p>With the past weather and wet spell, there is deficiency of iron noticed in late season planted cane of black soil. To recover from this malady, repeated spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended.</p> <p>Considering the anticipated drizzling, second top dressing with 85 kg Urea + 25 kg Potash / acre may be given to late season planted cane, followed by earthing up.</p>

Gourd		This is the best time for take-up sowing gourds like snake gourd, bitter gourd and other cucurbits. Hence farmers are requested of the sowing the above crops.
Banana		Expected Wind speed is more than 6 km per hour with rainfall, hence five months old banana and sugarcane may be propped against lodging. Avoid irrigation.
Turmeric		Since relative humidity and wind speed are above the threshold level, leaf spot disease in turmeric may appear. To control, spray 500 g Carbendazim or 1000g Mancozeb or 1250g copper oxy chloride per hectare to be dissolved in 500 litres of water. Micronutrient deficiency in Turmeric due to cloudy weather, can be managed with spray of each 375 gram Ferrous sulphate, Zinc sulphate, borax and urea after mixing in 250 liters of water per hectare. Spray twice at 25 days interval.
Coconut		Provide inward basin in around the coconut trees to harvest rainwater in root zone.
Animal		Since continuous rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds. Considering the present weather, which is conducive for many pathogen in milch animals. Hence clean the udder with 1% potassium permanganate before and after milking.

SMS advisory

- Due to cloudy weather, iron deficiency sugarcane can be managed by spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended.

**Professor and Head
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