



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.073/2022 Issued on 13.09.2022

(From 14th September 2022 to 18th September 2022)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 072 (09.09.2022) for Tamil Nadu. Maximum temperature ranged from 28°C to 37°C and minimum temperature ranged from 21°C to 26°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 15°C to 22°C and minimum temperature ranged from 11°C to 12°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Erode district

Past week Summary (09.09.2022 to 12.09.2022)					Ensemble weather forecast valid until 08.30 hrs of 18.09.2022				
Day-1 09/09	Day-2 10/09	Day-3 11/09	Day-4 12/09	Date	Day-1 14/09	Day-2 15/09	Day-3 16/09	Day-4 17/09	Day-5 18/09
0.0	0.0	0.5	0.0	Rainfall	6	7	8	4	6
31	29	30	30	Max. Temp. (°C)	33	32	32	33	34
23	22	23	23	Mini. Temp. (°C)	22	22	22	23	23
6	7	6	5	Cloud cover (Octa)	5	6	6	5	5
90	87	85	76	RH morning (%)	75	75	75	75	75
83	88	74	80	RH evening (%)	60	60	60	60	60
24	25	25	26	Wind (kmph)	6	6	6	6	6
200	230	230	230	Wind Direction	290	290	290	290	290

Weather forecast for next five days: (14.09.2022 to 18.09.2022)

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 32°C to 34°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 60 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	Talavada	TN Palayam
14-09-2022	3	4	4	7	4	3	4	3	3	5	4	6	8	5
15-09-2022	7	7	5	13	6	5	8	5	5	8	5	11	22	10
16-09-2022	6	7	6	12	8	6	9	5	6	11	7	11	14	10
17-09-2022	1	2	1	4	1	1	2	0	1	2	1	3	6	3
18-09-2022	4	4	4	8	4	4	5	3	4	5	4	7	11	6

Agro Advisory

Crop	Stage	Advisory
General		<p>Light rainfall is expected in western zone during next five days. Irrigation may be provided based on the soil moisture. Heavy wind speed above 20 km/hr is expected in Coimbatore district alone.</p> <p>By utilizing the light rainfall, land preparation may be initiated in rainfed black soil towards pre monsoon sowing.</p>
Rice	Vegetative and Flowering	<p>Kuruvai rice crop at flowering stage may be top dressed with 30 kg Urea and 10 kg Murate of potash per acre. Do not drain water in top dressed plot.</p> <p>Considering the light rainfall, nursery may be sown for Samba rice. In the evening impound water and drain in the next day morning to avoid summer saluting of sown seeds with rain.</p> <p>In the absence of wet nursery direct dry seeding of medium duration rice can be done with the sufficient rain.</p>
Groundnut	Harvest	<p>Since light rainfall is alone expected in forth coming days, groundnut may be harvested and shade dried with stalks.</p>
Cotton	Sowing	<p>Thinning of irrigated winter Combodia cotton and maize is advised to maintain population.</p> <p>Due to high soil moisture and relative humidity, flower shedding in cotton crop can be arrested by spraying NAA 40 PPM in 60 - 90 days after sowing. (40 mg of NAA dissolved in 1 liter of water will give the concentration of 40 PPM). To arrest the terminal growth nipping the terminal portion of the main stem beyond the 15th node.</p>

Sugarcane		Provide propping for early season and midseason planted canes against lodging with heavy wind anticipated in Coimbatore district. 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.
Tomato	Planting	Leaf minor is observed in Tomato due to prevailing weather. To control spray 5 per cent Neem Seed Kernel Extract during non rainy period.
Banana		Expected Wind speed is more than 6 km per hour with rainfall, hence five months old banana may be provided with support against lodging. Avoid irrigation.
Turmeric		Due to rain and high relative humidity rhizome rot would initiate infection in turmeric. Drench with Bordeaux mixture 1% or Copper oxy chloride 0.25%. Due to continuous rainfall, micronutrient deficiency is observed irrigated turmeric. Hence, spray 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.
Animal		Farmers are advised not to allow their animals to graze near pond or lake areas to avoid fluke infestation. Heavy wind and cloudiness may cause thirst for water in animals. Hence, provide adequate clean drinking water. Season is more favourable foot and mouth disease in animals. Farmers are advised to do Vaccination to the animals in nearby Veterinary hospitals. Due to high humidity both in the morning and evening favours aflatoxin in feed and fodder. Take enough caution to feed toxin materials.

SMS advisory

- Due to high soil moisture and relative humidity, nipping the main stem terminal beyond 15th node is recommended to arrest the terminal growth.

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