



Tamil Nadu Agricultural University

&

India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.075/2022 Issued on 20.09.2022

(From 21th September 2022 to 25st September 2022)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Weather Summary for the period since the issue of last bulletin 074 (16.09.2022) for Tamil Nadu. Maximum temperature ranged from 32°C to 37°C and minimum temperature ranged from 22°C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18°C to 21°C and minimum temperature ranged from 9°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

Weather Summary for Erode district

Past week Summary (16.09.2022 to 19.09.2022)					Ensemble weather forecast valid until 08.30 hrs of 25.09.2022				
Day-1 16/09	Day-2 17/09	Day-3 18/09	Day-4 19/09	Date	Day-1 21/09	Day-2 22/09	Day-3 23/09	Day-4 24/09	Day-5 25/09
0.0	0.0	0.8	0.6	Rainfall	2	0	0	0	4
32	32	33	32	Max. Temp. (°C)	34	34	34	34	34
23	23	23	23	Mini. Temp. (°C)	23	23	23	22	22
5	5	5	5	Cloud cover (Octa)	5	4	4	4	6
79	78	84	82	RH morning (%)	70	70	70	70	75
63	68	70	64	RH evening (%)	60	55	55	55	65
18	17	14	20	Wind (kmph)	6	6	6	6	6
230	230	180	230	Wind Direction	290	290	290	290	290

Weather forecast for next five days: (21.09.2022 to 25.09.2022)

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 22°C to 23°C. Morning relative humidity is expected to be around 70 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
21-09-2022	0	0	0	2	0	0	0	0	0	1	0	1	2	1
22-09-2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-09-2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-09-2022	0	0	0	1	0	0	0	0	0	0	0	0	0	0
25-09-2022	3	3	2	5	2	2	3	3	2	3	2	4	5	3

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.</p> <p>By utilizing the light rainfall, land preparation may be initiated in rainfed black soil towards pre monsoon sowing.</p> <p>Since only light drizzling is expected in forth coming days, sorghum/ millets and groundnut may be harvested and sun dried.</p>
Rice	Vegetative and Flowering	<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 displacement seeds by 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>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		<p>Provide propping for early season and midseason planted canes against lodging with heavy wind anticipated in Erode district.</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>
Tomato	Planting	<p>Leaf minor is observed in Tomato due to prevailing weather. To control spray 5 per cent Neem Seed Kernel Extract during non rainy period.</p>
Banana		<p>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.</p>
Turmeric		<p>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.</p> <p>Prevailing cloudy weather with high relative humidity with drizzling is favorable for the sigatoka leaf spot in turmeric hence farmers are requested to monitor the crop and spray if required chlorothalnil @ 2g per liter of water or propiconazole @ 2ml per liter of water.</p> <p>In some pockets prevailing continuous dry weather is favorable for the thrips attack in turmeric and hence farmers are requested to monitor the crop carefully and spray if required Dimeothate @ 2ml per liter of water.</p>
Animal		<p>Farmers are advised not to allow their animals to graze near pond or lake areas to avoid fluke infestation.</p> <p>Heavy wind and cloudiness may cause thirst for water in animals. Hence, provide adequate clean drinking water.</p> <p>Season is more favourable foot and mouth disease in animals. Farmers are advised to do Vaccination to the animals in nearby Veterinary hospitals.</p>

SMS advisory

- Leaf minor is observed in Tomato due to prevailing weather. To control spray 5 per cent Neem Seed Kernel Extract during non rainy period.

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