



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.079/2023 Issued on 03.10.2023

(From 04th October 2023 to 08th October 2023)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



Past Weather for Tamil Nadu District

Weather Summary for the period since the issue of last bulletin 078 (29.09.2023) for Tamil Nadu. Maximum temperature ranged from 29°C to 36°C and minimum temperature ranged from 23°C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16°C to 21°C and minimum temperature ranged from 10°C to 13°C. During this period isolated rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, during 29.09.23 to 02.10.23 the Maximum temperature was recorded was 30°C to 33°C and the minimum temperature was 22°C to 24°C. The morning relative humidity recorded was 82 per cent and evening relative humidity was 71 per cent. The average wind speed recorded was 19-25 km per hour and the wind direction were from South West direction.

Weather Summary for Erode district

| Past week Summary (29.09.2023 to 02.10.2023) | | | | Ensemble weather forecast valid until 08.30 hrs of 08.10.2023 | | | | | |
|---|----------------|----------------|----------------|--|----------------|----------------|----------------|----------------|----------------|
| Day-1 29/09 | Day-2 30/09 | Day-3 01/10 | Day-4 02/10 | Date | Day-1 04/10 | Day-2 05/10 | Day-3 06/10 | Day-4 07/10 | Day-5 08/10 |
| 5.7 | 0.0 | 0.0 | 0.0 | Rainfall | 0 | 0 | 0 | 0 | 0 |
| 33 | 30 | 31 | 31 | Max. Temp. (°C) | 33 | 34 | 34 | 35 | 35 |
| 22 | 24 | 23 | 23 | Mini. Temp. (°C) | 23 | 23 | 24 | 24 | 24 |
| 7 | 7 | 7 | 5 | Cloud cover (Octa) | 3 | 3 | 3 | 4 | 0 |
| 76 | 72 | 78 | 82 | RH morning (%) | 70 | 70 | 70 | 70 | 70 |
| 71 | 87 | 71 | 73 | RH evening (%) | 30 | 30 | 30 | 30 | 30 |
| 23 | 25 | 21 | 19 | Wind (kmph) | 8 | 8 | 6 | 6 | 6 |
| 230 | 200 | 230 | 200 | Wind Direction | 270 | 270 | 270 | 270 | 250 |

Weather forecast for next five days: (04.10.2023 to 08.10.2023)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Dry weather 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 70 per cent and evening relative humidity is expected to be around 30 per cent. Average wind speed is expected to be around 6-8 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 |
|------------|---------|----------|---------|--------------|------------|-------|------|----------|-------------|----------|------------|----------------|----------|------------|
| 04-10-2023 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 05-10-2023 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 06-10-2023 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 07-10-2023 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 08-10-2023 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Agro Advisory

| Crop | Stage | Advisory |
|-----------|--------------------|---|
| General | | Light rainfall is expected with high wind speed of 6 - 20 km/hr during next five days in western zone districts. Prevailing cloud cover with high relative humidity leads to less water and nutrient absorption. Hence nitrogenous fertilizers may be applied as slow release form like neem coated urea to get more nutrient efficiency. |
| Sugarcane | Vegetative | Since squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging. |
| Cotton | Flowering | To arrest the terminal growth in cloudy weather, nipping the terminal portion of the main stem beyond the 15 th node is advised. |
| Banana | Above 5 months old | Wind speed of >10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old. 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. |

| | | |
|------------------|------------|---|
| Turmeric | Vegetative | <p>Prevailing high relative humidity and wind speed would spread the spores of turmeric leaf spot from endemic area. Spray Mancozeb @ 1 kg/ha or copper oxy chloride @ 1.25 kg/ha.</p> <p><i>Weather is favourable for rhizome rot in Turmeric. Drench with <i>Trichoderma viride</i> to prevent the disease spread.</i></p> <p>In Turmeric of 120 days old, top dressing with 55 kg urea 30 kg potash per ha with sufficient moisture.</p> |
| Animal Husbandry | | <p>Weather is conducive for mastitis disease in milch animals. Hence, clean the udder with 1% potassium permanganate before and after milking.</p> |

SMS advisory

- Wind speed of >10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old.

Professor and Head
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