



Tamil Nadu Agricultural University

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India Meteorological Department

Agromet Advisory Bulletin for the Erode District

Bulletin No.052/2024 Issued on 28.06.2024

(From 29th June 2024 to 03rd July 2024)

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 051 (25.06.2024) for Tamil Nadu. Maximum temperature ranged from 31°C to 37°C and minimum temperature ranged from 23°C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 15°C to 19°C and minimum temperature ranged from 12°C to 13°C. During this period occurred rainfall was recorded in Tamil Nadu.

Erode District Past Weather

In Erode district, In Coimbatore district, during 25.06.2024 to 27.06.2024 the Maximum temperature was recorded 29°C to 33°C the minimum temperature was 22°C to 23°C. The morning relative humidity recorded was 88 per cent and evening relative humidity was 80 per cent. The average wind speed recorded was 19-24 km per hour and the wind direction were from East direction.

Weather Summary for Erode district

| Past Week Summary (25.06.2024 to 27.06.2024) | | | Ensemble weather forecast valid until 08.30 hrs of 03.07.2024 | | | | | |
|---|----------------|----------------|--|----------------|----------------|----------------|----------------|----------------|
| Day-1 25/06 | Day-2 26/06 | Day-3 27/06 | Date | Day-1 29/06 | Day-2 30/06 | Day-3 01/07 | Day-4 02/07 | Day-5 03/07 |
| 0.0 | 2.9 | 0.5 | Rainfall | 2 | 1 | 5 | 6 | 3 |
| 33 | 31 | 29 | Max. Temp. (°C) | 37 | 37 | 36 | 35 | 34 |
| 22 | 23 | 23 | Mini. Temp. (°C) | 27 | 26 | 25 | 25 | 24 |
| 7 | 8 | 7 | Cloud cover (Octa) | 6 | 7 | 7 | 8 | 8 |
| 87 | 88 | 82 | RH morning (%) | 70 | 70 | 70 | 70 | 70 |
| 80 | 84 | 85 | RH evening (%) | 40 | 40 | 40 | 40 | 40 |
| 21 | 24 | 19 | Wind (kmph) | 10 | 12 | 10 | 10 | 12 |
| 230 | 250 | 250 | Wind Direction | 250 | 250 | 250 | 250 | 250 |

Weather forecast for next five days: (29.06.2024 to 03.07.2024)

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Light rainfall is expected on next five days. Maximum temperature is expected to be around 34°C to 37°C. Minimum temperature is expected to be around 24°C to 27°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 10-12 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 |
| 29-06-2024 | 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 |
| 30-06-2024 | 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 |
| 01-07-2024 | 3.0 | 3.0 | 2.0 | 5.0 | 2.0 | 2.0 | 3.0 | 1.0 | 2.0 | 3.0 | 2.0 | 4.0 | 4.0 | 3.0 |
| 02-07-2024 | 3.0 | 4.0 | 3.0 | 7.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 4.0 | 3.0 | 6.0 | 9.0 | 5.0 |
| 03-07-2024 | 1.0 | 2.0 | 1.0 | 5.0 | 2.0 | 1.0 | 3.0 | 2.0 | 1.0 | 4.0 | 2.0 | 4.0 | 2.0 | 3.0 |

Agro Advisory

| Crop | Stage | Advisory |
|-----------|---------------|---|
| General | | Drizzling or light rainfall is expected along with heavy wind speeds of 10 – 26 kmph during this week in Western zone districts. Moderate rain may occur in the areas near western Ghat. Irrigation may be done based on soil moisture. Schedule the chemical sprays during non rainy and low wind speed hours. |
| Rice | Transplanting | Moderate rainfall is expected. Ensure adequate drainage facility in recently transplanted rice. To control blast disease spray Azoxystrobin @ 25 SC @ ml / lit of hopper incidence noticed, spray Imidacloprid 17.8 % SL@ 0.3 ml/lit. |
| Maize | Sowing | Utilizing the rainfall, irrigated maize sowing may be done seed treatment with Metalaxyl @ 2g/ Kg of seeds. |
| Groundnut | Vegetative | By utilizing received rainfall gypsum may be applied @ 400 kg/ha for 45 days old groundnut crop. Prevailing weather is conducive for the cercospora leaf spot in groundnut monitor the disease initiation and if already crop is infected spray MANGOZEB @ 2.5 g per litre of water. |
| Sugarcane | Vegetative | Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. If crown mealy bug incidence noticed, spray Imidachloprid 17.8% SL @ 0.3ml / lit. |

| | | |
|------------------|--|---|
| Banana | | Considering the high wind speed @ 10-24 kmph, provide propping to the banana of more than five months old to prevent from lodging. |
| Coconut | | Since southwest monsoon has started, dig the pits for planting tree crops. Conserve the expected rainfall by providing basin in coconut farms. Apply fertilizer for the coconut trees more than 5 years @ 650 g urea, 1 kg super phosphate, 1 kg potash per tree. And also apply 250 g of micro nutrient per tree and don't mix micro nutrient with soil. |
| Animal Husbandry | | Due to high wind speed, feed material of poultries may drift. Hanging of gunny bags along the borders is advised to reduce the wind speed. Heavy wind leads to frequent desiccation to poultries especially broiler birds. To avoid this good quality sufficient quantity of water should be given to sustain the body weight. Provide adequate cool drinking water to all the animals to prevent thirst for water due to high wind speed. Considering high relative humidity, prevent mastitis disease in milch animals by washing the udder with potassium permanganate solution before and after milking. |

SMS advisory:

- Utilizing the rainfall, irrigated maize sowing may be continued with Imidacloprid 70 WS seed treatment @ 10g/ Kg of seeds.

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