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| **Description: A close up of a sign  Description automatically generated** | **Tamil Nadu Agricultural University****&****India Meteorological Department****Agromet Advisory Bulletin for the Erode District**Bulletin No.067/2024 Issued on 20.08.2024(From 21st August 2024 to 25th August 2024)**Issued jointly by Agro Climate Research Centre, TNAU and IMD** | C:\Users\lenovo\Desktop\TNAU_Golden_Jubilee_Logo .jpg |

**Past Weather for Tamil Nadu District**

Weather Summary for the period since the issue of last bulletin 066 (16.08.2024) for Tamil Nadu. Maximum temperature ranged from 33°C to 38°C and minimum temperature ranged from
24h uary °C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 19oC to 23oC and minimum temperature ranged from 13oC to 16oC. During this period occurred rainfall was recorded in Tamil Nadu.

**Erode District Past Weather**

In Erode district, during 16.08.2024 to 19.08.2024 the Maximum temperature was recorded 33°C to 34°C the minimum temperature was 24°C to 25°C. The morning relative humidity recorded was 84 per cent and evening relative humidity was 60 per cent. The average wind speed recorded was 6-19 km per hour and the wind direction were from South West direction.

**Weather Summary for Erode district**

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| **Past Week Summary****(16.08.2024 to 19.08.2024)** | **Ensemble weather forecast valid until****08.30 hrs of 25.08.2024** |
| **Day-1****16/08** | **Day-2****17/08** | **Day-3****18/08** | **Day-3****19/08** | **Date** | **Day-1****21/08** | **Day-2****22/08** | **Day-3****23/08** | **Day-4****24/08** | **Day-5****25/08** |
| 3.8 | 3.8 | 0.2 | 5.2 | **Rainfall** | 22 | 14 | 0 | 2 | 2 |
| 33 | 34 | 33 | 34 | **Max. Temp. (o C)** | 35 | 34 | 33 | 34 | 34 |
| 24 | 25 | 24 | 24 | **Mini. Temp. (o C)** | 25 | 24 | 24 | 25 | 25 |
| 6 | 6 | 6 | 7 | **Cloud cover (Octa)** | 8 | 8 | 7 | 5 | 5 |
| 80 | 80 | 69 | 84 | **RH morning (%)** | 80 | 70 | 70 | 70 | 70 |
| 66 | 72 | 60 | 68 | **RH evening (%)** | 40 | 40 | 40 | 40 | 40 |
| 6 | 19 | 13 | 14 | **Wind (kmph)** | 10 | 16 | 12 | 14 | 12 |
| 230 | 230 | 230 | 230 | **Wind Direction** | 200 | 230 | 230 | 250 | 250 |

**Weather forecast for next five days:** **(21.08.2024 to 25.08.2024)**

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Light to moderate rainfall is expected on next four days. Maximum temperature is expected to be around 33°C to 35°C. Minimum temperature is expected to be around 24°C to 25°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 10-16 km per hour and the wind directions will be from South West direction.

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| **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 |
| **21-08-2024** | 21.0 | 21.0 | 20.0 | 22.0 | 21.0 | 20.0 | 21.0 | 21.0 | 20.0 | 22.0 | 20.0 | 21.0 | 19.0 | 21.0 |
| **22-08-2024** | 13.0 | 14.0 | 12.0 | 19.0 | 15.0 | 12.0 | 15.0 | 15.0 | 12.0 | 17.0 | 14.0 | 17.0 | 15.0 | 16.0 |
| **23-08-2024** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 |
| **24-08-2024** | 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 |
| **25-08-2024** | 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 |

**Agro Advisory**

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| **Crop** | **Stage** | **Advisory** |
| General |  | Light to Moderate rainfall is expected for the first two days (21-22/8/24) of this week and the wind speed is expected around 10 – 24 kmph in Western zone districts. Areas near western Ghats may receive heavy rainfall during this week. Postpone the irrigation based on soil moisture and postpone the spraying and fertilizer application to the end of this week. |
| Rice | Vegetative | By utilizing anticipated rainfall, apply 2nd top dressing @ 25kg Urea and 10kg Potash per acre to transplanted kar season rice. Anticipating rainfall. Hence, adopt raised bed samba season nursery for sowing medium duration rice. |
| Maize | Sowing | This is best time for sowing irrigated maize for reaping potential yield.If downy mildew disease symptom noticed, spray Metalazyl M 4% + Mancozep 64% WP @ 2g/literTo control Fall Armyworm, spray chlorantraniliprole 18.5 SC @ 4ml / 10 liter of water |

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| Fodder sorghum | Sowing | By utilizing rainfall, fodder sorghum or cowpea may be sown under rainfed lands |
| Groundnut |  | Weather conditions is favorable for the tikka leaf spot incidence in Groundnut and if necessary, spray Carbendazim 500 gram or Mancozeb 1000 gram per ha. |
| 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 + Propiconazole 25SC @ 1 ml / lit with wetting agent @ 1ml / lit to control Pokkoh Boeng disease. To support the better growth. Spray Sugarcane booster @ 1kg, 1.5 kg and 2 kg at 40,60,75 DAP respectively. |
| Banana |  | Considering the high wind speed above 10 kmph, provide supports to the banana of more than five months old to prevent from lodging.To control wilt disease, apply Trichoderma Viride @ 2.5 kg / ha enriched with 250 kg of FYM in root region. |
| Tomato |  | Considering the expected rainfall, tomato seedling may be transplanted in ridges and furrows to avoid collar rot. |
| Animal Husbandry |  | 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.Farmers are advised to prevent their animals to graze near pond or lake areas to avoid fluke infestation |

 **SMS advisory:**

* Considering the expected rainfall, tomato seedling may be transplanted in ridges and furrows to avoid collar rot.

**Professor and Head**

 **Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**