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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.068/2024 Issued on 23.08.2024(From 24th August 2024 to 28th 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 067 (20.08.2024) for Tamil Nadu. Maximum temperature ranged from 32°C to 35°C and minimum temperature ranged from
23h uary °C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18oC to 25oC and minimum temperature ranged from 11oC to 15oC. During this period occurred rainfall was recorded in Tamil Nadu.

**Erode District Past Weather**

In Erode district, during 20.08.2024 to 22.08.2024 the Maximum temperature was recorded 32°C to 34°C the minimum temperature was 23°C to 24°C. The morning relative humidity recorded was 86 per cent and evening relative humidity was 55 per cent. The average wind speed recorded was 12-30 km per hour and the wind direction were from South West direction.

**Weather Summary for Erode district**

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| **Past Week Summary****(20.08.2024 to 22.08.2024)** | **Ensemble weather forecast valid until****08.30 hrs of 28.08.2024** |
| **Day-1****20/08** | **Day-2****21/08** | **Day-3****22/08** | **Date** | **Day-1****24/08** | **Day-2****25/08** | **Day-3****26/08** | **Day-4****27/08** | **Day-5****28/08** |
| 7.0 | 3.3 | 1.6 | **Rainfall** | 3 | 2 | 0 | 0 | 0 |
| 34 | 34 | 32 | **Max. Temp. (o C)** | 35 | 35 | 36 | 36 | 36 |
| 23 | 24 | 24 | **Mini. Temp. (o C)** | 25 | 24 | 25 | 25 | 25 |
| 5 | 6 | 7 | **Cloud cover (Octa)** | 6 | 5 | 4 | 4 | 4 |
| 72 | 86 | 78 | **RH morning (%)** | 70 | 70 | 70 | 70 | 70 |
| 56 | 55 | 60 | **RH evening (%)** | 50 | 40 | 40 | 40 | 40 |
| 12 | 30 | 23 | **Wind (kmph)** | 14 | 14 | 12 | 12 | 12 |
| 230 | 230 | 230 | **Wind Direction** | 250 | 250 | 250 | 250 | 250 |

**Weather forecast for next five days:** **(24.08.2024 to 28.08.2024)**

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Dry weather is expected on 26.08.24, 27.08.24 & 28.08.24. Maximum temperature is expected to be around 35°C to 36°C. Minimum temperature is expected to be around 24°C to 25°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 12-14 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 |
| **24-08-2024** | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | 1.0 |
| **25-08-2024** | 0.4 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 1.2 |
| **26-08-2024** | 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 |
| **27-08-2024** | 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 |
| **28-08-2024** | 0.3 | 0.1 | 0.8 | 0.0 | 0.0 | 1.4 | 0.0 | 0.0 | 0.7 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 |

**Agro Advisory**

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| **Crop** | **Stage** | **Advisory** |
| General |  | Dry weather is expected and hence spraying of plant protection chemicals and intercultural operations may be done.  |
| Rice | Vegetative | Spray chlorantraniliprole 18.5% SC @ 0.3 ml/lit. to control leaf folder.If blast incidence noticed spray Azoxystrobin 25 SC @ 1 ml/lit. |
| Maize | Sowing | This is best time for sowing irrigated maize for reaping potential yield.To control Fall Armyworm, spray chlorantraniliprole 18.5 SC @ 4ml / 10 liter of water  |
| Sugarcane | Vegetative | Considering the high wind speed 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. |
| Cotton | Land preparation | Considering the prevailing congenial weather, land preparation followed by sowing may be taken up for irrigated cotton.To control wilt disease, apply Trichoderma Viride @ 2.5 kg / ha enriched with 250 kg of FYM in root region. |

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| Banana |  | Considering the high wind speed above 12-28 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 |  | Weather is favourable for damping off disease in tomato. Apply *Trichoderma viride* @ 2.5 kg per hectare*.*To control early blight disease, spray chlorothalonil 40% W/W + Difenoconazole 4.0 W/W SC @ 2ml /lit. If sucking pests white flies and mites incidence noticed, spray Spiromesifen 22.9 % SC @ 625ml / ha |
| Gourds |  | This is the best time for take-up sowing gourds like snake gourd, bitter gourd and other cucurbits. Hence farmers are requested of the sowing the above crops. |
| Turmeric |  | In 60 days old turmeric, apply second topdressing with 50 kg of urea and 30kg of muriate of potash. Create the drainage facilities to avoid water stagnation to prevent root rot and wilt disease.To control rhizome rot disease, apply Trichoderma Viride @ 2.5 kg / ha enriched with 250 kg of FYM in root region. |
| Animal Husbandry |  | Farmers are advised to prevent their animals to graze near pond or lake areas to avoid fluke infestation |

**SMS advisory:**

* Considering the high wind speed above 12-28 kmph, provide supports to the banana of more than five months old to prevent from lodging.

**Professor and Head**

 **Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**