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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.065/2024 Issued on 13.08.2024(From 14th August 2024 to 18th 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 064 (09.08.2024) for Tamil Nadu. Maximum temperature ranged from 33°C to 39°C and minimum temperature ranged from
23h uary °C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16oC to 21oC and minimum temperature ranged from 12oC to 15oC. During this period occurred rainfall was recorded in Tamil Nadu.

**Erode District Past Weather**

In Erode district, during 09.08.2024 to 12.08.2024 the Maximum temperature was recorded 30°C to 34°C the minimum temperature was 23°C to 24°C. The morning relative humidity recorded was 90 per cent and evening relative humidity was 46 per cent. The average wind speed recorded was 4-15 km per hour and the wind direction were from South West direction.

**Weather Summary for Erode district**

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| **Past Week Summary****(09.08.2024 to 12.08.2024)** | **Ensemble weather forecast valid until****08.30 hrs of 18.08.2024** |
| **Day-1****09/08** | **Day-2****10/08** | **Day-3****11/08** | **Day-4****12/08** | **Date** | **Day-1****14/08** | **Day-2****15/08** | **Day-3****16/08** | **Day-4****17/08** | **Day-5****18/08** |
| 6.4 | 1.0 | 0.9 | 14.1 | **Rainfall** | 26 | 29 | 27 | 31 | 15 |
| 30 | 32 | 33 | 34 | **Max. Temp. (o C)** | 36 | 33 | 33 | 31 | 30 |
| 23 | 24 | 24 | 23 | **Mini. Temp. (o C)** | 25 | 23 | 22 | 21 | 20 |
| 6 | 8 | 7 | 6 | **Cloud cover (Octa)** | 7 | 8 | 8 | 8 | 8 |
| 85 | 87 | 87 | 90 | **RH morning (%)** | 80 | 70 | 80 | 80 | 80 |
| 66 | 66 | 62 | 46 | **RH evening (%)** | 50 | 40 | 50 | 50 | 50 |
| 15 | 14 | 14 | 4 | **Wind (kmph)** | 6 | 8 | 8 | 6 | 8 |
| 230 | 230 | 230 | 90 | **Wind Direction** | 150 | 250 | 270 | 290 | 70 |

**Weather forecast for next five days:** **(14.08.2024 to 18.08.2024)**

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Moderate to heavy rainfall is expected on next five days. Maximum temperature is expected to be around 30°C to 36°C. Minimum temperature is expected to be around 20°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 6-8 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 |
| **14-08-2024** | 15.0 | 17.0 | 21.0 | 18.0 | 15.0 | 23.0 | 15.0 | 12.0 | 20.0 | 12.0 | 18.0 | 16.0 | 13.0 | 15.0 |
| **15-08-2024** | 26.0 | 26.0 | 26.0 | 25.0 | 25.0 | 26.0 | 25.0 | 25.0 | 26.0 | 24.0 | 26.0 | 25.0 | 28.0 | 25.0 |
| **16-08-2024** | 24.0 | 23.0 | 24.0 | 21.0 | 20.0 | 24.0 | 21.0 | 24.0 | 24.0 | 17.0 | 22.0 | 20.0 | 21.0 | 20.0 |
| **17-08-2024** | 24.0 | 23.0 | 26.0 | 20.0 | 19.0 | 28.0 | 19.0 | 20.0 | 26.0 | 14.0 | 23.0 | 19.0 | 21.0 | 19.0 |
| **18-08-2024** | 14.0 | 14.0 | 13.0 | 19.0 | 13.0 | 13.0 | 14.0 | 13.0 | 13.0 | 15.0 | 13.0 | 17.0 | 19.0 | 16.0 |

**Agro Advisory**

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| **Crop** | **Stage** | **Advisory** |
| General |  | Moderate to heavy rainfall is expected along with wind speeds of 6 – 22 kmph during this week in Western zone districts. Areas near western Ghats may receive heavy rainfall during this week. Postpone the irrigation based on soil moisture and avoid spraying and fertilizer application. |
| Rice | Vegetative | Since moderate rainfall is expected, postpone the top dressing of nitrogen to 30 days old transplanted rice.Whorl maggot and leaf folder incidence noticed, apply cartap Hydrochloride 0.4% granules @ 10kg / acre by mixing with 40kg of sand |
| 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/liter |
| Sugarcane | Vegetative | Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. With the past weather and wet spell, there is deficiency of iron noticed in late season planted cane of black soil. To recover from this malady, repeated spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended. |

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| Banana |  | Considering the high wind speed above 10 kmph, provide supports to the banana of more than five months old to prevent from lodging. |
| Tomato |  | Weather is favourable for damping off disease in tomato. Apply *Trichoderma viride* @ 2.5 kg per hectare*.*Spray Mancozep @ 2gm/liter to control early blight disease. To control the trips and whitefly spray Imidacloprid 17.8% SL @ 0.3ml/liter |
| 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. Spray Azoxystrobin 18.2% + Difenoconazole 11.4%WW SC 1 ml in 1 litre of water to control leaf blotch disease.Create the drainage facilities to avoid water stagnation to prevent root rot and wilt disease. |
| Animal Husbandry |  | Since weather is conducive, inspect the animals for the foot and mouth disease symptoms.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 high wind speed of above 10 kmph with rainfall, 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**