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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 Coimbatore District** Bulletin No.061/2024 Issued on 02.08.2024(From 03rd August 2024 to 07th 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 060 (30.07.2024) for Tamil Nadu. Maximum temperature ranged from 27°C to 39°C and minimum temperature ranged from 22h uary °C to 30°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16oC to 19oC and minimum temperature ranged from 12oC to 14oC. During this period occurred rainfall was recorded in Tamil Nadu.

**Erode District Past Weather**

In Erode district, during 30.07.2024 to 01.08.2024 the Maximum temperature was recorded 29°C to 30°C the minimum temperature was 22°C to 23°C. The morning relative humidity recorded was 81-93 per cent and evening relative humidity was 76-82 per cent. The average wind speed recorded was 17-22 km per hour and the wind directions were from South West direction.

**Weather Summary for Erode district**

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| **Past Week Summary**  **(30.07.2024 to 01.08.2024)** | | | **Ensemble weather forecast valid until**  **08.30 hrs of 07.08.2024** | | | | | |
| **Day-1**  **30/07** | **Day-2**  **31/07** | **Day-3**  **01/08** | **Date** | **Day-1**  **03/08** | **Day-2**  **04/08** | **Day-3**  **05/08** | **Day-4**  **06/08** | **Day-5**  **07/08** |
| 0.7 | 0.0 | 7.5 | **Rainfall** | 2 | 3 | 7 | 4 | 2 |
| 30 | 30 | 29 | **Max. Temp. (o C)** | 38 | 37 | 37 | 36 | 36 |
| 23 | 22 | 23 | **Mini. Temp. (o C)** | 27 | 27 | 26 | 26 | 26 |
| 8 | 6 | 6 | **Cloud cover (Octa)** | 6 | 7 | 8 | 6 | 7 |
| 93 | 84 | 81 | **RH morning (%)** | 70 | 70 | 80 | 70 | 70 |
| 78 | 82 | 76 | **RH evening (%)** | 40 | 50 | 60 | 40 | 40 |
| 22 | 17 | 17 | **Wind (kmph)** | 10 | 8 | 6 | 8 | 10 |
| 200 | 230 | 230 | **Wind Direction** | 270 | 270 | 230 | 250 | 270 |

**Weather forecast for next five days:** **(03.08.2024 to 07.08.2024)**

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 36°C to 38°C. Minimum temperature is expected to be around 26°C to 27°C. Morning relative humidity is expected to be around 70-80 per cent and evening relative humidity is expected to be around 40-60 per cent. Average wind speed is expected to be around 6-10 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 |
| **03-08-2024** | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 |
| **04-08-2024** | 2.0 | 2.0 | 1.0 | 8.0 | 2.0 | 1.0 | 3.0 | 2.0 | 1.0 | 4.0 | 2.0 | 6.0 | 4.0 | 5.0 |
| **05-08-2024** | 6.0 | 6.0 | 5.0 | 13.0 | 4.0 | 4.0 | 6.0 | 4.0 | 4.0 | 6.0 | 4.0 | 10.0 | 12.0 | 8.0 |
| **06-08-2024** | 2.0 | 2.0 | 2.0 | 6.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 4.0 | 4.0 | 3.0 |
| **07-08-2024** | 2.0 | 1.0 | 0.0 | 4.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 3.0 | 5.0 | 2.0 |

**Agro Advisory**

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| **Crop** | **Stage** | **Advisory** |
| General |  | Drizzling or light rain is expected along with heavy wind speeds of 6 – 24 kmph during this week in Western zone districts. |
| Rice | Transplanting | Recently transplanted main field may be provided with adequate drainage in anticipation of rainfall.  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.  Treat the seeds with Metalaxyl 35% WS @ 750 gm / 100 kg of seed. |
| Sugarcane | Vegetative | Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. |
| Banana |  | Considering the high wind speed @ 20 kmph, provide propping 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 Mancozeb 40% + Azoxystrobin 7% OS @ 1 gm/lit. to control early and late blight diseases. |

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| Gourds | Sowing | 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 | Vegetative | 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. |
| Animal Husbandry |  | Present weather may force the animals to take more drinking water. Provide enough cleaned drinking water to the animals.  Since weather is conducive, inspect the animals for the foot and mouth disease symptoms. |

**SMS advisory:**

* This is best time for sowing irrigated maize for reaping potential yield.

**Professor and Head**

**Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**