|  |  |  |
| --- | --- | --- |
| **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.069/2024 Issued on 27.08.2024(From 28th August 2024 to 01st 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 068 (23.08.2024) for Tamil Nadu. Maximum temperature ranged from 31°C to 38°C and minimum temperature ranged from  
23h uary °C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17oC to 22oC and minimum temperature ranged from 11oC to 14oC. During this period occurred rainfall was recorded in Tamil Nadu.

**Erode District Past Weather**

In Erode district, during 23.08.2024 to 26.08.2024 the Maximum temperature was recorded 32°C to 33°C the minimum temperature was 23°C to 25°C. The morning relative humidity recorded was 78 per cent and evening relative humidity was 54 per cent. The average wind speed recorded was 19-31 km per hour and the wind direction were from South West direction.

**Weather Summary for Erode district**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Past Week Summary**  **(23.08.2024 to 26.08.2024)** | | | | **Ensemble weather forecast valid until**  **08.30 hrs of 01.09.2024** | | | | | |
| **Day-1**  **23/08** | **Day-2**  **24/08** | **Day-3**  **25/08** | **Day-4**  **26/08** | **Date** | **Day-1**  **28/08** | **Day-2**  **29/08** | **Day-3**  **30/08** | **Day-4**  **31/08** | **Day-5**  **01/09** |
| 0.0 | 0.0 | 0.0 | 0.0 | **Rainfall** | 2 | 4 | 2 | 2 | 2 |
| 32 | 33 | 32 | 33 | **Max. Temp. (o C)** | 35 | 35 | 34 | 34 | 35 |
| 24 | 25 | 23 | 24 | **Mini. Temp. (o C)** | 24 | 24 | 23 | 23 | 24 |
| 5 | 6 | 6 | 4 | **Cloud cover (Octa)** | 8 | 8 | 5 | 7 | 8 |
| 74 | 71 | 78 | 71 | **RH morning (%)** | 70 | 70 | 70 | 70 | 70 |
| 54 | 62 | 64 | 60 | **RH evening (%)** | 40 | 40 | 40 | 40 | 40 |
| 19 | 31 | 23 | 26 | **Wind (kmph)** | 8 | 12 | 12 | 12 | 12 |
| 230 | 230 | 230 | 230 | **Wind Direction** | 250 | 250 | 250 | 270 | 270 |

**Weather forecast for next five days:** **(28.08.2024 to 01.09.2024)**

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Light drizzling is expected on next five days. Maximum temperature is expected to be around 34°C to 35°C. Minimum temperature is expected to be around 23°C to 24°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 8-12 km per hour and the wind directions 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 | Talavadai | TN Palayam |
| **28-08-2024** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **29-08-2024** | 3.0 | 3.0 | 2.0 | 5.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 4.0 | 6.0 | 4.0 |
| **30-08-2024** | 1.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 |
| **31-08-2024** | 3.0 | 2.0 | 0.0 | 5.0 | 1.0 | 2.0 | 2.0 | 3.0 | 1.0 | 2.0 | 1.0 | 4.0 | 3.0 | 3.0 |
| **01-09-2024** | 1.0 | 1.0 | 0.0 | 4.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.0 | 3.0 | 1.0 | 2.0 |

**Agro Advisory**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Stage** | **Advisory** |
| General |  | Drizzling or light rainfall is expected for the next five days and the wind speed is expected around 8 – 24 kmph in Western zone districts.  Schedule the irrigation based on soil moisture. |
| Rice | Vegetative | Due to anticipated light drizzling and high cloud cover, top dressing of nitrogen through soil application will not be effective. Hence spray 1% urea in rice at maximum tillering stage.  Soil application of Cartap hydrochloride 0.4% granules @ 8 kg /acre + 30kg sand to control stemborer and leaf folders. |
| Fodder sorghum | Sowing | By utilizing rainfall, fodder sorghum or cowpea may be sown under rainfed lands |
| 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 Imidacloprid 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 24 kmph, provide supports to the banana of more than five months old to prevent from lodging.  Spray Propiconazole @ 1ml/lit to prevent sigatoka leaf spot. |
| Turmeric |  | In 60 days old turmeric, apply second topdressing with 50 kg of urea and 30kg of muriate of potash.  Leaf spot disease spread vigorously in turmeric belt due to wind speed of 24km/hr, high relative humidity and rainfall. Spray mancozeb 2 gm/liter. |
| Animal Husbandry |  | Considering the prevailing hot and windy weather, provide enough clean drinking water to the animals. |

**SMS advisory:**

* Due to light drizzling and high cloud cover, soil application of N will not be effective. Hence foliar spray with 1% urea in rice at maximum tillering stage.

**Professor and Head**

**Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**