|  |  |  |
| --- | --- | --- |
| **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.064/2024 Issued on 09.08.2024(From 10th August 2024 to 14th 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 063 (06.08.2024) for Tamil Nadu. Maximum temperature ranged from 31°C to 39°C and minimum temperature ranged from
23h uary °C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 18oC to 20oC 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 06.08.2024 to 08.08.2024 the Maximum temperature was recorded 30°C to 32°C the minimum temperature was 23°C. The morning relative humidity recorded was 88 per cent and evening relative humidity was 74 per cent. The average wind speed recorded was 11 km per hour and the wind direction were from South West direction.

**Weather Summary for Erode district**

|  |  |
| --- | --- |
| **Past Week Summary****(06.08.2024 to 08.08.2024)** | **Ensemble weather forecast valid until****08.30 hrs of 14.08.2024** |
| **Day-1****06/08** | **Day-2****07/08** | **Day-3****08/08** | **Date** | **Day-1****10/08** | **Day-2****11/08** | **Day-3****12/08** | **Day-4****13/08** | **Day-5****14/08** |
| 2.8 | 6.5 | 4.2 | **Rainfall** | 8 | 12 | 10 | 12 | 31 |
| 32 | 30 | 31 | **Max. Temp. (o C)** | 35 | 34 | 33 | 32 | 31 |
| 23 | 23 | 23 | **Mini. Temp. (o C)** | 24 | 23 | 22 | 21 | 20 |
| 6 | 7 | 7 | **Cloud cover (Octa)** | 7 | 8 | 8 | 8 | 8 |
| 84 | 80 | 88 | **RH morning (%)** | 70 | 70 | 70 | 80 | 70 |
| 76 | 74 | 80 | **RH evening (%)** | 40 | 40 | 40 | 60 | 40 |
| 11 | 11 | 11 | **Wind (kmph)** | 10 | 8 | 6 | 6 | 8 |
| 200 | 200 | 360 | **Wind Direction** | 270 | 270 | 270 | 270 | 230 |

**Weather forecast for next five days:** **(10.08.2024 to 14.08.2024)**

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Moderate rainfall is expected on next five days. Maximum temperature is expected to be around 31°C to 35°C. Minimum temperature is expected to be around 20°C to 24°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 6-10 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 |
| **10-08-2024** | 4.0 | 5.0 | 5.0 | 5.0 | 3.0 | 5.0 | 4.0 | 3.0 | 5.0 | 3.0 | 4.0 | 5.0 | 7.0 | 4.0 |
| **11-08-2024** | 9.0 | 9.0 | 9.0 | 10.0 | 8.0 | 9.0 | 8.0 | 8.0 | 9.0 | 7.0 | 8.0 | 9.0 | 15.0 | 9.0 |
| **12-08-2024** | 12.0 | 13.0 | 9.0 | 25.0 | 16.0 | 8.0 | 17.0 | 13.0 | 10.0 | 23.0 | 13.0 | 22.0 | 14.0 | 20.0 |
| **13-08-2024** | 23.0 | 19.0 | 13.0 | 28.0 | 15.0 | 10.0 | 18.0 | 28.0 | 14.0 | 17.0 | 13.0 | 23.0 | 22.0 | 21.0 |
| **14-08-2024** | 19.0 | 21.0 | 25.0 | 19.0 | 19.0 | 28.0 | 18.0 | 18.0 | 25.0 | 15.0 | 22.0 | 17.0 | 16.0 | 18.0 |

**Agro Advisory**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Stage** | **Advisory** |
| General |  | Moderate rainfall is expected along with heavy wind speeds of 6 – 20 kmph during this week in Western zone districts. Postpone the irrigation based on soil moisture. |
| Rice | Transplanting | Since moderate rainfall is expected, postpone the top dressing of nitrogen to 30 days old transplanted rice.Whorl maggot and Gall midge incidence noticed, spray Fipronil 35EC @ 600ml / acre. |
| 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. |
| Cotton | Land preparation | Considering the prevailing congenial weather, land preparation may be done for irrigated cotton.Create the drainage facilities to avoid water stagnation to prevent root rot and wilt disease.  |
| Banana |  | Considering the high wind speed @ 20 kmph, provide propping to the banana of more than five months old to prevent from lodging.Spray propiconazole @ 1ml/lit to prevent sigatoka leaf spot. |

|  |  |  |
| --- | --- | --- |
| Tomato |  | Weather is favourable for damping off disease in tomato. Apply *Trichoderma viride* @ 2.5 kg per hectare*.*Create the drainage facilities to avoid water stagnation to prevent root rot and wilt disease. |
| ourds |  | 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.Treat the seeds wilt carbendazim 50% WP @ 2gram/kg of seed. |
| 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 mlin 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. |

 **SMS advisory:**

* Moderate rainfall is expected during this week in Western zone districts. Postpone the irrigation based on soil moisture.

**Professor and Head**

 **Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**