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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.073/2024 Issued on 10.09.2024(From 11th September 2024 to 15th September 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 072 (06.09.2024) for Tamil Nadu. Maximum temperature ranged from 32°C to 38°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 22oC 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 06.09.2024 to 09.09.2024 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 80 per cent and evening relative humidity was 66 per cent. The average wind speed recorded was 15-25 km per hour and the wind direction were from South West direction.

**Weather Summary for Erode district**

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| **Past Week Summary****(06.09.2024 to 09.09.2024)** | **Ensemble weather forecast valid until****08.30 hrs of 15.09.2024** |
| **Day-1****06/09** | **Day-2****07/09** | **Day-3****08/09** | **Day-4****09/09** | **Date** | **Day-1****11/09** | **Day-2****12/09** | **Day-3****13/09** | **Day-4****14/09** | **Day-5****15/09** |
| 0.0 | 0.0 | 1.2 | 0.3 | **Rainfall** | 0 | 1 | 2 | 4 | 3 |
| 34 | 33 | 32 | 32 | **Max. Temp. (o C)** | 35 | 35 | 35 | 34 | 34 |
| 23 | 24 | 24 | 23 | **Mini. Temp. (o C)** | 24 | 24 | 24 | 24 | 23 |
| 6 | 7 | 7 | 7 | **Cloud cover (Octa)** | 5 | 4 | 7 | 7 | 8 |
| 79 | 75 | 80 | 77 | **RH morning (%)** | 70 | 70 | 70 | 70 | 70 |
| 68 | 66 | 74 | 69 | **RH evening (%)** | 40 | 40 | 40 | 40 | 40 |
| 19 | 15 | 25 | 22 | **Wind (kmph)** | 12 | 10 | 10 | 12 | 10 |
| 230 | 230 | 230 | 200 | **Wind Direction** | 250 | 250 | 250 | 250 | 270 |

**Weather forecast for next five days:** **(11.09.2024 to 15.09.2024)**

According to district forecast issued by the India Meteorological Department for Erode district, sky will be cloudy. Light drizzling rainfall is expected on 12.09.2024, 13.09.2024,14.09.2024 & 15.09.2024. 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 10-12 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 |
| **11-09-2024** | 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 |
| **12-09-2024** | 0.3 | 0.6 | 0.0 | 0.3 | 0.7 | 5.6 | 0.4 | 0.5 | 3.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| **13-09-2024** | 0.7 | 0.7 | 0.0 | 4.7 | 7.9 | 8.5 | 1.2 | 2.3 | 9.7 | 1.1 | 0.0 | 0.0 | 0.7 | 0.0 |
| **14-09-2024** | 0.0 | 1.7 | 0.0 | 4.2 | 11.6 | 8.9 | 1.9 | 5.7 | 12.4 | 2.3 | 0.0 | 0.0 | 1.3 | 0.9 |
| **15-09-2024** | 0.0 | 0.4 | 0.0 | 1.6 | 9.4 | 4.6 | 0.8 | 9.4 | 8.8 | 1.3 | 0.0 | 0.0 | 0.9 | 0.4 |

**Agro Advisory**

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| **Crop** | **Stage** | **Advisory** |
| General |  | Dry week or drizzling rainfall is alone expected for the next five days and the wind speed is expected around 10 – 26 kmph in Western zone districts. Schedule the irrigation based on soil moisture. |
| Rice |  | Since no rainfall / light drizzling is only expected. Farmers are advised to apply pre-emergence herbicide butachlor @ 2.5 litre / ha before 3 days of transplanting with thin film of water in the main field. Due to warm humid condition the BLB disease may occur, foliar application of copper hydroxide 77 WP @ 1.25 kg/ha or streptomycin sulphate 90% + tetracycline combination 10% SP @ 300 g along with copper oxychloride 50 WP @ 1.25 kg/ha is recommended. |

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| Sugarcane |  | Prevailing warm weather with high wind speed favours more evapotranspiration. Hence sugarcane farmers to apply light and frequent irrigation. If crown mealy bug noticed by ant movement, spray in 3 border rows alone with imidacloprid 17.8 SL @ 3 ml/10 l (or) chlorantraniliprole 18.5 SC @ 4ml/10 l (or) clothianidin 50 WDG @ 5g/10 l (or) spirotetramet 150 OD @ 12.5 ml/10 l (or) flonicamid 50 WG @ 3 g/10 l. Spraying of TNAU Sugarcane Booster @ 1kg, 1.5kg and 2kg at 45, 60 and 75 days after planting, respectively (recommended agronomic practice). |
| Turmeric |  | By utilizing prevailing weather condition second top dressing with nitrogen and potassium fertilizers may be done.Due to humid condition will favour, leaf blotch, & leaf spot disease, spray Azoxystrobin 18.2 % + Difenoconazole 11.4% W/W SC @ 1ml / lit of water. |
| Animal Husbandry |  | Considering the prevailing hot and windy weather, provide enough clean drinking water to the animals. |

**SMS advisory:**

* Prevailing warm humid condition favours powdery mildew disease in vegetables. To control apply Hexaconazole 5% EC @ 1ml/ liter of water

**Professor and Head**

 **Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**