|  |  |  |
| --- | --- | --- |
| **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.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.

**Coimbatore District Past Weather**

In Coimbatore 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 Coimbatore district**

|  |  |
| --- | --- |
| **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 | 2.8 | 6.9 | 4.7 | **Rainfall** | 1 | 0 | 0 | 1 | 1 |
| 34 | 33 | 32 | 32 | **Max. Temp. (o C)** | 33 | 33 | 34 | 34 | 33 |
| 23 | 24 | 24 | 23 | **Mini. Temp. (o C)** | 24 | 23 | 23 | 23 | 23 |
| 6 | 7 | 7 | 7 | **Cloud cover (Octa)** | 5 | 6 | 6 | 7 | 7 |
| 79 | 75 | 80 | 77 | **RH morning (%)** | 80 | 80 | 80 | 80 | 80 |
| 68 | 66 | 74 | 69 | **RH evening (%)** | 50 | 50 | 50 | 60 | 50 |
| 19 | 15 | 25 | 22 | **Wind (kmph)** | 18 | 18 | 20 | 20 | 18 |
| 230 | 230 | 230 | 200 | **Wind Direction** | 250 | 250 | 250 | 250 | 250 |

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

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Light drizzling rainfall is expected on 11.09.2024, 14.09.2024 & 15.09.2024. Maximum temperature is expected to be around 33°C to 34°C. Minimum temperature is expected to be around 23°C to 24°C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 50 per cent. Average wind speed is expected to be around 18-20 km per hour and the wind directions will be from South West direction.

|  |
| --- |
| **Coimbatore District Block Wise Rainfall (mm) for next five days** |
| Date | Anamalai | Annur | Karamadai | Kinathukadavu | Madukkarai | PN Palayam | Pollachi North | Pollachi South | Sarcarsamakulam | Sultanpet | Sulur | Thondamuthur |
| **11-09-2024** | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| **12-09-2024** | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **13-09-2024** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **14-09-2024** | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **15-09-2024** | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

**Agro Advisory**

|  |  |  |
| --- | --- | --- |
| **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 | Vegetative  | As dry week is expected, postpone top dressing of fertilizer may be applied to rice at maximum tillering.Due to favourable weather, leaf folder attack is expected and apply Cartap hydrochloride 0.4% granules @ 8 kg /acre + 30kg sand to control stemborer and leaf folders.Spray Azoxystrobin 25Sc @ 1ml / lit to control blast and brown leaf spot diseases. |
| 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 | Vegetative | Weather is favourable for sucking pest in Tomato. Monitor and spray 3% neem seed kernal extract, if observed.Morning dewnees will favour early blight disease, spray chlorothalonil 40% W/W + Difenoconazole 4.0 W/W SC @ 2ml /lit. If sucking pests white flies and mites incidence noticed, spray Spiromesifen 22.9 % SC @ 625ml / ha |
| 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**