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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.091/2024 Issued on 12.11.2024(From 13th November 2024 to 17th November 2024) **Issued jointly by Agro Climate Research Centre, TNAU** | 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 090 (08.11.2024) for Tamil Nadu. Maximum temperature ranged from 27°C to 35°C and minimum temperature ranged from 21h uary °C to 28°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17oC to 22oC and minimum temperature ranged from 09oC to 13oC. During this period occurred rainfall was recorded in Tamil Nadu.

**Coimbatore District Past Weather**

In Coimbatore district, during 08.11.2024 to 11.11.2024 the Maximum temperature was recorded 31°C to 32°C the minimum temperature was 23°C to 24°C. The morning relative humidity recorded was 83 per cent and evening relative humidity was 43 per cent. The average wind speed recorded was 6-11 km per hour and the wind directions were from South West direction.

**Weather Summary for Coimbatore district**

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| **Past Week Summary**  **(08.11.2024 to 11.11.2024)** | | | | **Ensemble weather forecast valid until**  **08.30 hrs of 17.11.2024** | | | | | |
| **Day-1**  **08/11** | **Day-2**  **09/11** | **Day-3**  **10/11** | **Day-4**  **11/11** | **Date** | **Day-1**  **13/11** | **Day-2**  **14/11** | **Day-3**  **15/11** | **Day-4**  **16/11** | **Day-5**  **17/11** |
| 1.0 | 0.7 | 0.0 | 0.0 | **Rainfall** | 2 | 8 | 22 | 25 | 29 |
| 31 | 31 | 32 | 32 | **Max. Temp. (o C)** | 32 | 32 | 31 | 30 | 29 |
| 24 | 23 | 23 | 23 | **Mini. Temp. (o C)** | 22 | 21 | 21 | 20 | 19 |
| 6 | 4 | 4 | 4 | **Cloud cover (Octa)** | 8 | 8 | 8 | 8 | 8 |
| 70 | 78 | 83 | 73 | **RH Morning (%)** | 80 | 90 | 90 | 90 | 90 |
| 58 | 60 | 43 | 46 | **RH Evening (%)** | 60 | 70 | 70 | 60 | 60 |
| 11 | 9 | 7 | 6 | **Wind (kmph)** | 6 | 6 | 8 | 8 | 10 |
| 110 | 90 | 90 | 90 | **Wind Direction** | 70 | 50 | 70 | 70 | 70 |

**Weather forecast for next five days: (13.11.2024 to 17.11.2024)**

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Light to moderate rainfall is expected on next 5 days. Maximum temperature is expected to be around 29°C to 32°C. Minimum temperature is expected to be around 19°C to 22°C. Morning relative humidity is expected to be around 80-90 per cent and evening relative humidity is expected to be around 60-70 per cent. Average wind speed is expected to be around 6-10 km per hour and the wind directions will be from North East direction.

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| **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 |
| **13-11-2024** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **14-11-2024** | 8.0 | 9.0 | 8.0 | 7.0 | 7.0 | 7.0 | 8.0 | 8.0 | 7.0 | 9.0 | 8.0 | 7.0 |
| **15-11-2024** | 21.0 | 24.0 | 22.0 | 21.0 | 20.0 | 21.0 | 21.0 | 21.0 | 21.0 | 24.0 | 22.0 | 20.0 |
| **16-11-2024** | 18.0 | 21.0 | 21.0 | 21.0 | 22.0 | 22.0 | 19.0 | 19.0 | 22.0 | 21.0 | 22.0 | 21.0 |
| **17-11-2024** | 18.0 | 24.0 | 24.0 | 22.0 | 25.0 | 25.0 | 19.0 | 19.0 | 25.0 | 23.0 | 24.0 | 24.0 |

**Agro Advisory**

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| **Crop** | **Stage** | **Advisory** |
| General |  | Light to moderate rainfall is expected on next 5 days and the wind speed is expected to be around 4 – 12 kmph in Western zone districts. Since rainfall is continuing, postpone the irrigation based on soil moisture.  Avoid water stagnation to prevent soil borne diseases. |
| Rice | Planting & Vegetative | Since weather conditions are favourable for blast incidence in rice farmers are requested to monitor the crop carefully and spray during non-rainy days with Azoxtrobin 16.7% + Tricyclazole 33.30% sc @ 1ml/ litre water. Provide proper drainage facilities. Present condition favorable for BPH attack, spray Imidacloprid SC @ 0.3ml / liter of water. |
| Blackgram  Greengram | Vegetative | The standing green gram and black gram would grow with tendrils as a result of excess soil moisture. Clip the tendrils or top the crop.  The warm humid condition favour premature shedding of floral parts and young bolls. |
| Cotton | Flowering | The warm humid condition favour premature shedding of floral parts and young bolls.  Provide drainage to 60 days old cotton to prevent flower drop.  Spray TNAU cotton plus @2.5 kg /ac during rainless period to arrest flower drop in cotton due to high soil moisture. Avoid water stagnation to prevent wilt disease. Soil application of Trichoderma viride +250 kg of FYM may be applied. |

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| Gourds | Flowering | Prevailing continues rainfall is favourable for the vegetative growth in gourds at the time flowering. Hence application of ethrel @ 100ppm for all gourds (200ppm for ribbed gourds) is recommended after the rain to get more female flowers and fruit set. Two spray may be scheduled at week interval.  To prevent downy mildew disease, spray Metiram 55% + Pyroclostrobin 5% WG @ 3gram liter. Install cucurbits fruit fly @ 4/ acre. |
| Turmeric | Rhizome development | Turmeric is at bulking stage, which is critical for both moisture stress and excess water. Hence, provide adequate drainage to avoid excess moisture.  Prevailing weather condition favour for leaf blotch, & leaf spot disease, spray Azoxystrobin 18.2 % + Difenoconazole 11.4% W/W SC @ 1ml / lit of water after rain.  Due to continuous rain, rhizome rot may occur drench the plant with metalaxyl 4%+ mancozeb 64% WP @ 0.25% |
| Animal Husbandry |  | During rainy days to avoid mastitis infection in dairy animals, before and after milking wash the udder with potassium permanganate solution.  Regularly clean the animal sheds with disinfectants. |

**SMS advisory:**

* Spray Azoxystrobin 10% + Fipronil 5% SC @ 2 ml/ lit to manage rice pest and disease.

**Professor and Head**

**Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**