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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.086/2024 Issued on 25.10.2024(From 26th October 2024 to 30th October 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 085 (22.10.2024) for Tamil Nadu. Maximum temperature ranged from 31°C to 35°C and minimum temperature ranged from 21h uary °C to 27°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17oC to 20oC and minimum temperature ranged from 11oC to 14oC. During this period occurred rainfall was recorded in Tamil Nadu.

**Coimbatore District Past Weather**

In Coimbatore district, during 22.10.2024 to 24.10.2024 the Maximum temperature was recorded 30°C to 32°C the minimum temperature was 21°C to 24°C. The morning relative humidity recorded was 91 per cent and evening relative humidity was 50 per cent. The average wind speed recorded was 5-7 km per hour and the wind direction were from South West direction.

**Weather Summary for Coimbatore district**

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| **Past Week Summary**  **(22.10.2024 to 24.10.2024)** | | | **Ensemble weather forecast valid until**  **08.30 hrs of 30.10.2024** | | | | | |
| **Day-1**  **22/10** | **Day-2**  **23/10** | **Day-3**  **24/10** | **Date** | **Day-1**  **26/10** | **Day-2**  **27/10** | **Day-3**  **28/10** | **Day-4**  **29/10** | **Day-5**  **30/10** |
| 11.4 | 36.2 | 22.5 | **Rainfall** | 15 | 4 | 0 | 0 | 0 |
| 30 | 32 | 32 | **Max. Temp. (o C)** | 31 | 30 | 30 | 31 | 31 |
| 24 | 21 | 22 | **Mini. Temp. (o C)** | 22 | 21 | 20 | 21 | 21 |
| 7 | 5 | 7 | **Cloud cover (Octa)** | 7 | 3 | 5 | 6 | 4 |
| 86 | 86 | 91 | **RH Morning (%)** | 90 | 90 | 80 | 70 | 80 |
| 63 | 50 | 84 | **RH Evening (%)** | 50 | 50 | 40 | 40 | 40 |
| 7 | 5 | 5 | **Wind (kmph)** | 10 | 10 | 12 | 10 | 6 |
| 90 | 90 | 90 | **Wind Direction** | 250 | 250 | 250 | 250 | 250 |

**Weather forecast for next five days: (26.10.2024 to 30.10.2024)**

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Light to moderate rainfall is expected on 26.10.24 & 27.10.24. Maximum temperature is expected to be around 30°C to 31°C. Minimum temperature is expected to be around 20°C to 22°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 40 per cent. Average wind speed is expected to be around 6-12 km per hour and the wind directions will be from South West 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 |
| **26-10-2024** | 13.0 | 14.0 | 12.0 | 13.0 | 13.0 | 12.0 | 13.0 | 13.0 | 13.0 | 15.0 | 14.0 | 13.0 |
| **27-10-2024** | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 |
| **28-10-2024** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **29-10-2024** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **30-10-2024** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

**Agro Advisory**

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| **Crop** | **Stage** | **Advisory** |
| General | CET | Light to moderate rainfall is expected for the next five days and the wind speed is expected to be around 4 – 15 kmph in Western zone districts. Since rainfall is continuing, postpone the irrigation and provide adequate drainage to all crops.  Prepare for water harvesting the excess rainfall to farm pond.  Gap filling may be initiated in the recently sown fields, if affected due to rainfall. |
| Rice | CE  Planting | Provide adequate drainage facility to recently planted main field. Dain the water through channels and avoid drain field to field.  Postponed transplanting or direct sowing of rice may be reinitiated.  Due to high relative humidity rice blast disease may spread rapidly. To control the rice blast disease, spray Propiconazole 10.7% W/W + Tricyclazole 34.2% W/W SE @ 1 ml / litre.  If leaf folder incidence noticed, Apply Cartap hydro chloride 75% SC @ 10 kg / acre. |
| Blackgram  Greengram | Vegetative  CET | 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.  Apply foliar nutrition like 2% DAP + 1% urea or TNAU’s Pulse wonder during rain free days to improve the growth and development of rain affected pulses.  The high relative humidity favours rust incidences, Spray Captan 70% + Hexaconazole 5% WP @ 1 gm / litre. |
| Sugarcane & Banana | CET | Since rainfall with wind speed >10kmph is expected, provide propping to early season sugarcane. Avoid water stagnation.  Due to excess moisture, Red rot, Smut & rust symptoms may occur. To control these diseases spray Azoxystrobin 18.2% + Difenoconazole 11.4% W/W SC @ 1 ml / litre. |

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| Banana | CET | Since rainfall with wind speed >10kmph is expected, provide support to banana of above 5 months old. Avoid water stagnation. |
| Gourds | CE  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 to get more flowers and fruit set. Two spray may be scheduled at week interval.  To control downey mildew disease, Spray Metiram 55% + Pyraclostrobin 5% WG @ 3 gm / litre. |
| Papaya | CET | Prevailing continues rainfall and water stagnation leads to Phytophthora incidence in papaya. Provide drainage and further trenching with 1% Bordeaux mixture. |
| Turmeric | CE  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. Avoid water stagnation. If rhizome rot incidence noticed, Drench with copper oxychloride @ 2 gm / litre. |
| Animal Husbandry | CET | Ensure stability of animal shed structures and prevent water stagnation around the shed.  During rainy days to avoid mastitis infection in dairy animals, before and after milking wash the udder with potassium permanganate solution. |

**SMS advisory:**

* Gap filling may be initiated in the recently sown fields, if affected due to continuous rainfall.

**Professor and Head**

**Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**