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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.058/2024 Issued on 19.07.2024(From 20th July 2024 to 24th July 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 057 (16.07.2024) for Tamil Nadu. Maximum temperature ranged from 27°C to 35°C and minimum temperature ranged from
22h uary °C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 15oC to 17oC 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 16.07.2024 to 18.07.2024 the Maximum temperature was recorded 28°C to 30°C the minimum temperature was 22°C to 23°C. The morning relative humidity recorded was 91 per cent and evening relative humidity was 87 per cent. The average wind speed recorded was 23-25 km per hour and the wind direction were from East direction.

**Weather Summary for Coimbatore district**

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| **Past Week Summary****(16.07.2024 to 18.07.2024)** | **Ensemble weather forecast valid until****08.30 hrs of 24.07.2024** |
| **Day-1****16/07** | **Day-2****17/07** | **Day-3****18/07** | **Date** | **Day-1****20/07** | **Day-2****21/07** | **Day-3****22/07** | **Day-4****23/07** | **Day-5****24/07** |
| 66.1 | 26.0 | 36.6 | **Rainfall** | 50 | 45 | 25 | 20 | 20 |
| 29 | 28 | 30 | **Max. Temp. (o C)** | 26 | 26 | 27 | 27 | 27 |
| 22 | 23 | 23 | **Mini. Temp. (o C)** | 23 | 23 | 24 | 24 | 24 |
| 8 | 8 | 8 | **Cloud cover (Octa)** | 8 | 8 | 8 | 8 | 8 |
| 80 | 87 | 91 | **RH morning (%)** | 90 | 90 | 87 | 87 | 87 |
| 91 | 90 | 87 | **RH evening (%)** | 87 | 87 | 84 | 84 | 84 |
| 23 | 24 | 25 | **Wind (kmph)** | 28 | 30 | 25 | 25 | 20 |
| 250 | 230 | 230 | **Wind Direction** | 270 | 270 | 270 | 270 | 270 |

**Weather forecast for next five days:** **(20.07.2024 to 24.07.2024)**

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 five days. Maximum temperature is expected to be around 26°C to 27°C. Minimum temperature is expected to be around 23°C to 24°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 84 per cent. Average wind speed is expected to be around 20-30 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 |
| **20-07-2024** | 31.0 | 47.0 | 50.0 | 41.0 | 44.0 | 47.0 | 35.0 | 35.0 | 47.0 | 44.0 | 46.0 | 43.0 |
| **21-07-2024** | 21.0 | 28.0 | 36.0 | 31.0 | 37.0 | 38.0 | 24.0 | 24.0 | 36.0 | 24.0 | 31.0 | 36.0 |
| **22-07-2024** | 14.0 | 14.0 | 19.0 | 17.0 | 20.0 | 20.0 | 15.0 | 15.0 | 19.0 | 12.0 | 16.0 | 20.0 |
| **23-07-2024** | 8.0 | 11.0 | 15.0 | 12.0 | 15.0 | 16.0 | 9.0 | 9.0 | 15.0 | 9.0 | 13.0 | 15.0 |
| **24-07-2024** | 10.0 | 13.0 | 16.0 | 13.0 | 16.0 | 16.0 | 11.0 | 11.0 | 15.0 | 11.0 | 14.0 | 15.0 |

**Agro Advisory**

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| **Crop** | **Stage** | **Advisory** |
| General |  | Light to moderate rainfall is expected along with heavy wind speeds of 20 – 30 kmph during this week in Western zone districts.Heavy rain is likely to occur at isolated places over Ghat areas. Provide adequate drainage. Plan the spray only if there is minimum 4 hours of rain free period after spray. |
| Rice | Transplanting | Mostly light drizzling and heavy rainfall along the western Ghat is expected. Hence, 18 to 22 days aged rice seedlings of 4th leaf stage may be transplanted. Provide adequate drainage expecting the event of heavy rainfall in Ghat areas.Considering the anticipated rainfall, apply fertilizer top dressing @ 33 kg Urea and 10kg Potassium per acre for kar season paddy. |
| Sorghum |  | Top dressing with 25kg of urea per hectare is recommended to rainfed sorghum on receipt of 15mm of rainfall. |
| Groundnut |  | By utilizing expected rainfall prepare the land for taking up sowing of ground nut in ensuing season. |

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| Sugarcane | Vegetative | Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.By utilizing the anticipated light drizzling, top dressing may be done in late season planted cane with 90kg Nitrogen/ ha + 37kg K2O/ ha. Nitrogen may be applied through neem cake blended. |
| Banana |  | Considering the high wind speed @ 20-30 kmph, provide propping to the banana of more than five months old to prevent from lodging. |
| Tomato |  | Drench the 18 days old and above tomato seedlings in nursery with water soluble 19:19:19 fertilizer @ 0.5% (5g/lit) for getting vigours seedlings. |
| Gourds | Sowing | With the receipt of anticipated rainfall gourds seeds sowing may be continued with adequate drainage. |
| Turmeric |  | Due to high humidity and low temperature leaf spot disease may occur in turmeric. Hence, spray Carbendazim fungicide @ 1 gram in 1 litre of water. |
| Tea |  | Prevailing weather conditions of valpari region favours Blister blight disease in tea crop. Spray hexagonazole 200ml+copper oxy chloride mix 210 g /ha during rain free day. |
| Animal Husbandry |  | Due to high wind speed, feed material of poultries may drift. Hanging of gunny bags along the borders is advised to reduce the wind speed.Considering high relative humidity, prevent mastitis disease in milch animals by washing the udder with potassium permanganate solution before and after milking. |

 **SMS advisory:**

* Considering the rain and high wind speed @ 20-30 kmph, provide propping to the banana of more than five months old to prevent from lodging.

**Professor and Head**

 **Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**