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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.007/2025 Issued on 24.01.2025(From 25th January 2025 to 29th January 2025) **Issued jointly by Agro Climate Research Centre, TNAU** | C:\Users\lenovo\Desktop\TNAU_Golden_Jubilee_Logo .jpg |

**Past Weather for Tamil Nadu**

Weather Summary for the period since the issue of last bulletin 006 (21.01.2025) for Tamil Nadu. Maximum temperature ranged from 28°C to 32°C and minimum temperature ranged from 18h uary °C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 17oC to 24oC and minimum temperature ranged from 07°C to 12°C. During this period occurred rainfall was recorded in Tamil Nadu.

**Coimbatore District Past Weather**

In Coimbatore district, during 21.01.2025 to 23.01.2025 the Maximum temperature was recorded 31°C the minimum temperature was 19°C to 22°C. The morning relative humidity recorded was 84 % and evening relative humidity was 30 %. The average wind speed recorded was 8-11 km per hour and the wind directions were from North East direction.

**Weather Summary for Coimbatore district**

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| **Past Week Summary**  **(21.01.2025 to 23.01.2025)** | | | **Ensemble weather forecast valid until**  **08.30 hrs of 29.01.2025** | | | | | |
| **Day-1**  **21/01** | **Day-2**  **22/01** | **Day-3**  **23/01** | **Date** | **Day-1**  **25/01** | **Day-2**  **26/01** | **Day-3**  **27/01** | **Day-4**  **28/01** | **Day-5**  **29/01** |
| 0.0 | 0.0 | 0.0 | **Rainfall** | 0 | 0 | 0 | 0 | 0 |
| 31 | 31 | 31 | **Max. Temp. (o C)** | 30 | 30 | 30 | 29 | 29 |
| 19 | 19 | 22 | **Mini. Temp. (o C)** | 21 | 21 | 21 | 20 | 20 |
| 5 | 6 | 7 | **Cloud cover (Octa)** | 6 | 6 | 6 | 5 | 5 |
| 82 | 79 | 84 | **RH Morning (%)** | 85 | 85 | 85 | 80 | 80 |
| 30 | 49 | 48 | **RH Evening (%)** | 50 | 50 | 50 | 45 | 45 |
| 8 | 11 | 10 | **Wind (kmph)** | 8 | 15 | 10 | 8 | 10 |
| 90 | 90 | 70 | **Wind Direction** | 90 | 90 | 90 | 70 | 70 |

**Weather forecast for next five days: (25.01.2025 to 29.01.2025)**

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostlycloudy. Dry weather expected on next five days. Maximum temperature is expected to be around 29°C to 30°C. Minimum temperature is expected to be around 20°C to 21°C. Morning relative humidity is expected to be around 85 % and evening relative humidity is expected to be around 45 %. Average wind speed is expected to be around 08-15 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 |
| **25-01-2025** | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **26-01-2025** | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **27-01-2025** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **28-01-2025** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **29-01-2025** | 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 |  | Dry weather expected on next five days and the wind speed is expected to be around up to 08-15 kmph in Western zone districts.  Irrigation may be scheduled according to soil moisture levels. |
| Rice | Nursery,  Flowering & Harvest | Considering the low temperature, spray Zinc Sulphate @ 0.5% + Urea 1% to improve the growth of nursery seedlings of Navarai season.  Considering the diurnal variation, Ear head bug may appear in samba rice. Spray Dinotefuran 15% + Pymetrozine 45% WG @ 333 gram in 500 litre water for one hectare during the morning hours.  Navarai season rice planting may be initiated with wet and dry method of irrigation. |
| Sugarcane |  | By utilizing prevailing dry weather, planting of early season sugarcane may be completed. |
| Turmeric |  | Prevailing weather condition is favorable for the blotch incidence in turmeric. Hence farmers are advised to monitor the crop and spray mancozeb @ 2 g/liter of water. |
| Curry leaf |  | The low (20°C) minimum temperature may affect the leaf aroma of curry leaf. Hence, irrigate during the evening hours or through sprinkler irrigation to modify micro climate. |

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| Banana |  | Prevailing weather conditions is favourable for sigatoka leaf spot in banana especially under wet condition where soil moisture is high. Therefore, dry the field and remove the affected leaves & burn it. Spray Pyraclostrobin 20% WG @ 750 gram / ha. Always add 5 ml of wetting agent per 10 lit of spray fluid. |
| Mango |  | Due to high relative humidity and low minimum temperature, sooty mould diseases may occur in mango due to hopper incidence and spray Imidacloprid 17.8% SC @ 0.3ml/lit |
| Animal Husbandry |  | Provide adequate clean drinking water to avoid thirstiness in animals during cool winter.  Sodium hydroxide may be used as disinfectant (200 gm in 10 liter of water) for foot and mouth disease in cattle’s shed and the wounds of the infected animal may be treated with neem oil with turmeric powder.  Night temperature is expected below 20°C, poultry and animals sheds should be protected from chilling by hanging Jute bags in the side walls of the sheds. |

**SMS advisory:**

* Weather is conducive for sigatoka leaf spot in banana where soil moisture is high, dry the field and spray pyraclostrobin 20% WG @ 750 gm/ha

**Professor and Head**

**Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**