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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.015/2025 Issued on 21.02.2025(From 22th February 2025 to 26th February 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 014 (18.02.2025) for Tamil Nadu. Maximum temperature ranged from 31°C to 36°C and minimum temperature ranged from 18h uary °C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 20oC to 26oC and minimum temperature ranged from 08°C to 12°C. During this period occurred rainfall was no recorded in Tamil Nadu.

**Coimbatore District Past Weather**

In Coimbatore district, during 18.02.2025 to 20.02.2025 the Maximum temperature was recorded 34-35°C and minimum temperature was 20°C to 22°C. The morning relative humidity recorded was 75% and evening relative humidity was 18%. The average wind speed recorded was 09-13 km per hour and the wind directions were from East direction.

**Weather Summary for Coimbatore district**

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| **Past Week Summary**  **(18.02.2025 to 20.02.2025)** | | | **Ensemble weather forecast valid until**  **08.30 hrs of 26.02.2025** | | | | | |
| **Day-1**  **18/02** | **Day-2**  **19/02** | **Day-3**  **20/02** | **Date** | **Day-1**  **22/02** | **Day-2**  **23/02** | **Day-3**  **24/02** | **Day-4**  **25/02** | **Day-5**  **26/02** |
| 0.0 | 0.0 | 0.0 | **Rainfall** | 0 | 0 | 0 | 0 | 0 |
| 34 | 34 | 35 | **Max. Temp. (o C)** | 34 | 34 | 34 | 35 | 35 |
| 20 | 20 | 22 | **Mini. Temp. (o C)** | 21 | 21 | 21 | 22 | 22 |
| 3 | 3 | 3 | **Cloud cover (Octa)** | 3 | 3 | 3 | 3 | 3 |
| 73 | 69 | 75 | **RH Morning (%)** | 69 | 69 | 69 | 75 | 75 |
| 18 | 18 | 22 | **RH Evening (%)** | 20 | 20 | 20 | 24 | 24 |
| 9 | 9 | 13 | **Wind (kmph)** | 10 | 12 | 12 | 12 | 12 |
| 90 | 90 | 90 | **Wind Direction** | 50 | 70 | 90 | 90 | 90 |

**Weather forecast for next five days: (22.02.2025 to 26.02.2025)**

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be partly cloudy. Dry weather is expected on next five days. Maximum temperature is expected to be around 34°C to 35°C. Minimum temperature is expected to be around 21°C to 22°C. Morning relative humidity is expected to be around 75 % and evening relative humidity is expected to be around 20%. Average wind speed is expected to be around 10-12 km per hour and the wind directions will be from North East direction.

**Agro Advisory**

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| **Crop** | **Stage** | **Advisory** |
| General |  | Dry days with increasing temperature is expected for the next five days and the wind speed is expected to be around up to 10-12 kmph in Western zone districts.  Continuous dry days for the past 45 days. Provide irrigation to all irrigated crops and supplemental irrigation to rainfed crops from farm ponds.  By utilizing the dry weather, plough the land immediately after the harvest so as to control weeds and also to make the soil friable to conserve summer monsoon rain.  Avoid burning of harvested crop residues and incorporation of crop residues in the field will facilitate faster decomposition of residues. |
| Maize | Reproductive | As maize crop is most sensitive moisture stress at 45 to 65 days after sowing, ensure optimum moisture availability by providing irrigation to avoid yield loss at harvest. |
| Groundnut | Vegetative | In groundnut crop, apply gypsum @ 400kg/ha by the side of the plants at 40th days of sowing depending on the soil moisture in the field. |
| Sugarcane | Vegetative | Dry weather favours early shoot borer in sugarcane, frequent irrigation with mulching is advised to keep the field in wet condition which prevent pest infestation.  Considering dry and hot weather, mid season sugarcane planting may be taken up followed by irrigation and mulching. |
| Cucurbits | Flowering | To encourage more female flower in cucurbits, spray Ethrel 100 ppm (1 ml in 10 lit of water) four times from 10 to 15 days after sowing at weekly intervals when sufficient moisture is available. |
| Mango |  | Considering the dry weather, if mango tree doesn’t have flowers at this time. Spray either 0.5% urea (5g /litre) or 1% Potassium nitrate (10g/litre) to induce flowering under sufficient soil moisture.  If mango tree already having flower, spray 2% Potassium nitrate, when sufficient soil moisture is available to increase fruit set and retardation of fruit. |
| Animal Husbandry |  | Provide adequate clean drinking water to avoid thirstiness in animals during dry winter.  Due to prevailing weather ranikot disease in poultry especially backyard poultry may be expected hence suitable vaccination is advised from nearby veterinary hospital. |

**SMS advisory:**

* By utilizing the dry weather, plough the land immediately after the harvest so as to control weeds and also to make the soil friable to conserve summer monsoon rain.

**Professor and Head**

**Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**