|  |  |  |
| --- | --- | --- |
| **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.035/2025 Issued on 02.05.2025(From 03th May 2025 to 07th May 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 034 (29.04.2025) for Tamil Nadu. Maximum temperature ranged from 33°C to 41°C and minimum temperature ranged from 25h uary °C to 31°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 20oC to 26oC and minimum temperature ranged from 12°C to 14°C. During this period occurred rainfall was no recorded in Tamil Nadu.

**Coimbatore District Past Weather**

In Coimbatore district, during 29.04.2025 to 01.05.2025 the Maximum temperature was recorded 37°Cand minimum temperature was 25h uary °C to 26°C. The morning relative humidity recorded was 66-70 % and evening relative humidity was 37-55%. The average wind speed recorded was 06-12 km per hour and the wind directions were from North West direction.

**Weather Summary for Coimbatore district**

|  |  |
| --- | --- |
| **Past Week Summary****(29.04.2025 to 01.05.2025)** | **Ensemble weather forecast valid until****08.30 hrs of 07.05.2025** |
| **Day-1****29/04** | **Day-2** **30/04** | **Day-3****01/05** | **Date** | **Day-1****03/05** | **Day-2****04/05** | **Day-3****05/05** | **Day-4****06/05** | **Day-5****07/05** |
| 2.5 | 1.6 | 0.0 | **Rainfall** | 5 | 5 | 8 | 12 | 42 |
| 37 | 37 | 37 | **Max. Temp. (o C)** | 36 | 36 | 36 | 37 | 37 |
| 25 | 26 | 26 | **Mini. Temp. (o C)** | 25 | 25 | 25 | 26 | 26 |
| 6 | 5 | 7 | **Cloud cover (Octa)** | 5 | 5 | 5 | 6 | 6 |
| 69 | 70 | 66 | **RH Morning (%)** | 65 | 65 | 65 | 70 | 70 |
| 37 | 46 | 55 | **RH Evening (%)** | 45 | 45 | 45 | 55 | 55 |
| 6 | 12 | 8 | **Wind (kmph)** | 14 | 14 | 12 | 12 | 10 |
| 90 | 230 | 290 | **Wind Direction** | 250 | 250 | 250 | 250 | 250 |

**Weather forecast for next five days: (03.05.2025 to 07.05.2025)**

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostly cloudy. Light to moderate rainfall is expected on next five days. Maximum temperature is expected to be around 36°C to 37°C. Minimum temperature is expected to be around 25°C to 26°C. Morning relative humidity is expected to be around 65-70% and evening relative humidity is expected to be between 45-55%. Average wind speed is expected to be around 10-14 km per hour and the wind directions will be from South West direction.

**Weather Warning**

Light to moderate rainfall is expected along with thunderstorms & lightning, squally etc.

**Weather Warning on Agriculture**

Do not allow the animals to graze during 11am to 4 pm and near the toor hills of western Ghats.

**Agro Advisory**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Stage** | **Advisory** |
| General |  | Light to moderate rainfall along with heavy wind speed of 8 -20 kmph is expected in Western Zone district. Foothills of western Ghat may receive heavy rainfall. Thunderstorm and lightening may occur in isolated places.Provide crop residue mulch to protect the soil moisture gained from expected rainfall. |
| Sorghum | Sowing | Considering the rainfall, sowing of irrigated sorghum may be taken in the ploughed area followed by irrigation based on rainfall receipt. |
| Cumbu | Sowing | This is the best time of sowing cumbu. Hence farmers are requested to sow Cumbu in irrigated dry condition, followed by irrigation based on rainfall receipt. |
| Sugarcane | Vegetative | Considering the rainfall and thunderstorm, detrashing and propping in Sugarcane crop may be done to avoid lodging. |
| Vegetables Tomato, Brinjal & Chillies | Vegetative | Prevailing weather is faovurable for the mite attack in vegetables. Hence, monitor the crop. Postpone the spray since rainfall is expected. |
| Tapioca | Vegetative | Prevailing weather situation is favorable for spiraling white fly in tapioca and hence farmers are requested to monitor the crop carefully and keep yellow sticky trap in 5 to 6 places / ac. Postpone the spray, since rainfall is expected. |
| Banana | Vegetative | Due to increasing temperature and low relative humidity, thunderstorm with squally wind may occur. Stacking in banana crop may be done to avoid lodging. |
| Turmeric | Vegetative | This is the best time for preparation of land for ensuing Turmeric crop planting, hence prepare the land by utilizing expected rain fall. |
| Coconut |  | Provide inward basin around the tree crops with 1.5m radius from the trunk to harvest the expected rainfall in root zone.  |
| Animal Husbandry |  | Since, heavy rainfall along with thunderstorm is expected do not allow the animals to graze during 11am to 4 pm and near the toor hills of western Ghats. |

 **SMS advisory:**

* Due to increasing temperature and low relative humidity, thunderstorms with squally wind may occur. Stacking in banana crop may be done to avoid lodging.

**Professor and Head**

**Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**