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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.042/2025 Issued on 27.05.2025(From 28th May 2025 to 01st June 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 041 (23.05.2025) for Tamil Nadu. Maximum temperature ranged from 28°C to 39°C and minimum temperature ranged from 21h uary °C to 29°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16oC to 23oC and minimum temperature ranged from 11°C to 14°C. During this period 736.5 mm rainfall recorded in Tamil Nadu.

**Coimbatore District Past Weather**

In Coimbatore district, during 23.05.2025 to 26.05.2025 the Maximum temperature was recorded h uary 28h uary °C to 34°C and minimum temperature was 22°C -25h uary °C. The morning relative humidity recorded was 69-91 % and evening relative humidity was 67-87 %. The average wind speed recorded was 22-27 km per hour and the wind directions were from South West direction.

**Weather Summary for Coimbatore district**

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| **Past Week Summary**  **(23.05.2025 to 26.05.2025)** | | | | **Ensemble weather forecast valid until**  **08.30 hrs of 01.06.2025** | | | | | |
| **Day-1**  **23/05** | **Day-2**  **24/05** | **Day-3**  **25/05** | **Day-4**  **26/05** | **Date** | **Day-1**  **28/05** | **Day-2**  **29/05** | **Day-3**  **30/05** | **Day-4**  **31/05** | **Day-5**  **01/06** |
| 1.6 | 22.6 | 39.7 | 58.6 | **Rainfall** | 66 | 45 | 44 | 12 | 8 |
| 33 | 34 | 28 | 28 | **Max. Temp. (o C)** | 27 | 26 | 25 | 24 | 23 |
| 25 | 22 | 22 | 22 | **Mini. Temp. (o C)** | 23 | 21 | 20 | 20 | 19 |
| 6 | 8 | 8 | 8 | **Cloud cover (Octa)** | 8 | 8 | 8 | 8 | 8 |
| 69 | 91 | 88 | 91 | **RH Morning (%)** | 90 | 90 | 90 | 90 | 90 |
| 67 | 84 | 84 | 87 | **RH Evening (%)** | 70 | 80 | 80 | 70 | 70 |
| 27 | 24 | 24 | 22 | **Wind (kmph)** | 20 | 22 | 22 | 20 | 20 |
| 230 | 230 | 230 | 230 | **Wind Direction** | 250 | 250 | 230 | 230 | 250 |

**Weather forecast for next five days: (28.05.2025 to 01.06.2025)**

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be cloudy. Heavy rainfall is expected on next five days. Maximum temperature is expected to be around 23°C to 27°C. Minimum temperature is expected to be around 19°C to 23°C. Morning relative humidity is expected to be around 90% and evening relative humidity is expected to be between 70-80%. Average wind speed is expected to be around 20-22 km per hour and the wind directions will be from South West direction.

**Weather Warning**

Extremely heavy rain, thunderstorms & lightning, squall & strong surface wind.

**Weather Warning on Agriculture**

Thunderstorm with squally wind is expected in some places and hence farmers are requested to stake banana crop which are more than five month old. Treat drainage facilities due to heavy rain.

**Agro Advisory**

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| **Crop** | **Stage** | **Advisory** |
| General |  | Extreme heavy rainfall along the western Ghats areas and moderate rainfall in interior districts of Western Zone is expected during next five days. The wind speed will be 12 - 28 kmph. The Coimbatore and Tiruppur districts may have high wind speed up to 28 kmph.  Temperature may decrease to the tune of 2-3oC from the start of the week to end.  Provide adequate drainage to all crops and drain the excess water safely to the farm pond for supplemental irrigation.  Due to strong surface wind, propping should be provided to crops like banana, papaya, moringa and sugarcane.  Avoid spraying of agro chemicals during rainy days. These activities can be carried out only on non-rainy days. |
| Rice | Nursery & Tillering | Considering the anticipated rainfall, keep ponding of water in recently sown nurseries during the afternoon hours to reduce the saltation effect of rain drops and prevent displacement of seeds and seedlings.  Due to continuous rainfall, avoid water stagnation to prevent damping off disease in rice nursery. Create drainage facilities if rice blast symptom noticed, spray Azoxystrobin 23% SC @ 1ml/lit. during non-rainy period.  After rain, In partially affected field, drain out the excess water and apply 1/3rd N + 50% K2O as top dressing. |
| Sorghum | Sowing | Considering the rainfall, sowing of irrigated sorghum may be taken in the ploughed area.  Treat the seeds with Metalaxyl 35% WS @ 10 gram / kg of seeds.  Treat the seeds with Thiamethoxam 30% FS @ 10 gram / kg of seeds to control shoot fly. |
| Maize |  | Moderate to heavy rainfall is expected. Provide adequate drainage facility for maize and other irrigated crops, especially under low land conditions.  Treat the seeds with Metalaxyl 35% WS @ 10 gram / kg of seeds. Due to heavy rain, there is a possibility for Aspergillus ear rot in maize corn. Harvested cob should be dried and cleaned. The moisture content should be less than 13% to prevent the Aspergillus infection. |

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| Cumbu | Sowing | This is the best time of sowing cumbu. Hence farmers are requested to sow Cumbu in irrigated dry condition.  Treat the seeds with Metalaxyl 35% WS @ 10 gram / kg of seeds |
| Groundnut | Sowing | This is the right time for sowing of Aani pattam rainfed groundnut at Pollachi taluk of Coimbatore district. Field preparation followed by sowing may be done, since rain is anticipated.  Treat the groundnut kernals with Carboxin37.5% + Thiram 37.5% WS @ 3 gram / kg of seed to prevent collar rot, seed rot and stem rot diseases in groundnut. |
| Sugarcane | Vegetative  & sowing | Considering the rainfall and thunderstorm, detrashing and propping in Sugarcane crop may be done to avoid lodging.  With the receipt of rainfall, late season sugarcane setts may be planted to save ground and surface water |
| Banana | Vegetative | Due to increasing wind speed and moderate to heavy rainfall, stacking in banana crop may be done to avoid lodging.  Due to continuous rainfall, there is a possibility for sigatoka leaf spot and cigar end rot, spray Mancozeb 76% WP @ 1.5 to 2 kg / ha in 750 litre of water during non-rainy period. |
| Turmeric | Vegetative | This is the best time for planting Turmeric crop and provide adequate drainage. |
| Coconut |  | Provide inward basin around the tree crops with 1.5m radius from the trunk to harvest the expected rainfall in root zone.  Soil application of Bacillus subtilis @ 200 gram / tree + 25 kg of FYM may be done to prevent Basal stem rot. |
| Poultry |  | During brooding of young chicks in broodu, artificial heat should be given @ 2 watts / chick. Silpaulin / Tarpaulin should be placed on either sides of the poultry shed to prevent entry of rain water inside. |
| Animal Husbandry |  | Do not allow the animals to graze during the afternoon hours near the western ghat foot hills.  Check the stability of animal sheds against heavy wind and rainfall.  To prevent mosquito menace in livestock rearing area fumigation with notchi leaves may be done once in a week. |

**SMS advisory:**

* Propping should be provided to crops like banana, papaya, moringa and sugarcane.

**Professor and Head**

**Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**