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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 Erode District** Bulletin No.020/2025 Issued on 11.03.2025(From 12th March 2025 to 16th March 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 019 (07.03.2025) for Tamil Nadu. Maximum temperature ranged from 31°C to 39°C and minimum temperature ranged from 19h uary °C to 26°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 21oC to 27oC and minimum temperature ranged from 09°C to 12°C. During this period occurred rainfall was no recorded in Tamil Nadu.

**Erode District Past Weather**

In Erode district, during 07.03.2025 to 10.03.2025 the Maximum temperature was recorded 37°C and minimum temperature was 21°C to 24°C. The morning relative humidity recorded was 76% and evening relative humidity was 21%. The average wind speed recorded was 07-17 km per hour and the wind directions were from South East direction.

**Weather Forecast for Erode District**

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| **Past Week Summary**  **(07.03.2025 to 10.03.2025)** | | | | **Ensemble weather forecast valid until**  **08.30 hrs of 16.03.2025** | | | | | |
| **Day-1**  **07/03** | **Day-2**  **08/03** | **Day-3**  **09/03** | **Day-4**  **10/03** | **Date** | **Day-1**  **12/03** | **Day-2**  **13/03** | **Day-3**  **14/03** | **Day-4**  **15/03** | **Day-5**  **16/03** |
| 0.0 | 0.0 | 0.0 | 0.0 | **Rainfall** | 35 | 18 | 0 | 0 | 1 |
| 37 | 37 | 37 | 37 | **Max. Temp. (o C)** | 35 | 35 | 35 | 36 | 36 |
| 24 | 24 | 24 | 21 | **Mini. Temp. (o C)** | 24 | 24 | 24 | 25 | 25 |
| 3 | 4 | 3 | 3 | **Cloud cover (Octa)** | 4 | 4 | 4 | 5 | 5 |
| 66 | 69 | 76 | 72 | **RH Morning (%)** | 72 | 72 | 72 | 57 | 57 |
| 25 | 40 | 21 | 24 | **RH Evening (%)** | 40 | 40 | 40 | 25 | 25 |
| 7 | 12 | 12 | 17 | **Wind (kmph)** | 10 | 10 | 10 | 10 | 10 |
| 230 | 230 | 110 | 90 | **Wind Direction** | 110 | 50 | 50 | 70 | 70 |

**Weather forecast for next five days: (12.03.2025 to 16.03.2025)**

According to district forecast issued by the India Meteorological Department for Erode district, sky will be Mostly cloudy. Light to moderate rainfall is expected on 12.03.25, 13.03.25 & 16.03.25. Maximum temperature is expected to be around 35°C to 36°C. Minimum temperature is expected to be around 24°C to 25°C. Morning relative humidity is expected to be around 72% and evening relative humidity is expected to be around 25%. Average wind speed is expected to be around 10 km per hour and the wind directions will be from North East direction.

**Weather Warning**

Light to moderate rainfall is expected on 2 days (12.03.2025 & 13.03.2025) with thunderstorms & lightning. From 14.03.2025 to 16.03.2025 light rainfall may be expected.

**Weather Warning on Agriculture**

In rice nursery: cover the nursery beds with polythene sheet during night and remove in the morning. Irrigate the nursery beds in the evening and drain out the water in the morning.

**Agro Advisory**

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| **Crop** | **Stage** | **Advisory** |
| General |  | Light to moderate rainfall is expected on 12.03.25, 13.03.25 & 16.03.25 and the wind speed is expected to be around up to 10 kmph in Western zone districts.  Avoid burning of harvested crop residues and incorporation of crop residues in the field will facilitate faster decomposition of residues. |
| Groundnut | Vegetative | Roll empty drum on 45 to 50 days old groundnut field to increase the yield.  Apply Trichoderma Viride @ 2.5 kg / ha by mixing with 300kg FYM to avoid root rot disease due to summer shower. |
| Mango |  | Provide inward basin around the tree crops with 1.5m radius from the trunk and provide mulch to conserve 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.  Spray IIHR mango special @ 5 gram / lit for 3 times (Feb to March, Nov to Dec, Jun to July)  If hopper and thrips incidence noticed, spray Tolfenpyrad 15% EC @ 150ml / ha. |
| Coconut |  | Provide inward basin around the tree crops with 1.5m radius from the trunk and apply organic mulch to conserve moisture.  Due to high temperature Rugose spiraling whitefly incidence is increasing. |

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|  |  | **To control Rugose whitefly**, adopt the following IPM measures   1. Yellow sticky traps / sheets (3 x 1ft / 5 x 1ft) @ 20 sheets / ha at 5-6 ft. on trunk smeared with castor oil. 2. Staple leaflets containing Encarsia guadeloupae parasitized cocoons @ 100 Nos. / ha on under surface of infested leaflets.   Staple paper strips / cardboard boxes containing Chrysopid eggs @ 1000 / ha  **Root Wilt (Candidatus Phytoplasma)**   * Recommended NPK + FYM-50kg + Neem Cake 5 kg / palm/yr + Green Manuring * Azospirillum – 200g + Phosphobacteria - 200g + VAM – 100g + Bacillus subtills – 200g + Trichoderma asperellum 200 g / palm / yr * TNAU Coconut tonic root feeding @ 40 ml / palm at 6 months interval * Soil application of ‘TNAU COCOCON’ @ 5 litre / acre at 3 months interval * Need based Root feeding of hexaconazole (3ml + 200 ml water) for leaf Rot |
| Banana | Vegetative Stage | Due to increasing temperature and radiation, there is a possibility for Erwinia rot due to scorching 3tender leaves. Sow the Sunn hemp seeds 6 kg / acre and irrigate the field. |
| Animal Husbandry |  | 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:**

* Provide inward basin around the tree crops with 1.5m radius from the trunk and provide mulch to conserve soil moisture

**Professor and Head**

**Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**