|  |  |  |
| --- | --- | --- |
| **Description: A close up of a sign  Description automatically generated** | **Tamil Nadu Agricultural University**  **&**  **India Meteorological Department**  **Agromet Advisory Bulletin for the Tiruppur District** Bulletin No.105/2024 Issued on 31.12.2024(From 01th January 2025 to 05th 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 104 (27.12.2024) for Tamil Nadu. Maximum temperature ranged from 25°C to 34°C and minimum temperature ranged from 17h uary °C to 22°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 19oC to 21oC and minimum temperature ranged from 08°C to 11°C. During this period occurred rainfall was recorded in Tamil Nadu.

**Tiruppur District Past Weather**

In Tiruppur district, during 27.12.2024 to 30.12.2024 the Maximum temperature was recorded 30°C to 32°C the minimum temperature was 20°C to 23°C. The morning relative humidity recorded was 88 per cent and evening relative humidity was 42 per cent. The average wind speed recorded was 08-15 km per hour and the wind directions were from North East direction.

**Weather Forecast for Tiruppur District**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Past Week Summary**  **(27.12.2024 to 30.12.2024)** | | | | **Ensemble weather forecast valid until**  **08.30 hrs of 05.01.2025** | | | | | |
| **Day-1**  **27/12** | **Day-2**  **28/12** | **Day-3**  **29/12** | **Day-4**  **30/12** | **Date** | **Day-1**  **01/01** | **Day-2**  **02/01** | **Day-3**  **03/01** | **Day-4**  **04/01** | **Day-5**  **05/01** |
| 0.5 | 1.2 | 0.0 | 0.1 | **Rainfall** | 4 | 3 | 3 | 0 | 3 |
| 31 | 30 | 30 | 32 | **Max. Temp. (o C)** | 29 | 29 | 29 | 30 | 30 |
| 23 | 20 | 21 | 23 | **Mini. Temp. (o C)** | 21 | 21 | 21 | 21 | 21 |
| 6 | 5 | 4 | 8 | **Cloud cover (Octa)** | 7 | 7 | 7 | 6 | 6 |
| 88 | 77 | 84 | 72 | **RH Morning (%)** | 70 | 70 | 70 | 65 | 65 |
| 62 | 56 | 42 | 67 | **RH Evening (%)** | 65 | 65 | 65 | 55 | 55 |
| 15 | 8 | 10 | 14 | **Wind (kmph)** | 10 | 15 | 15 | 15 | 10 |
| 50 | 90 | 90 | 50 | **Wind Direction** | 70 | 70 | 90 | 90 | 90 |

**Weather forecast for next five days: (01.01.2025 to 05.01.2025)**

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be Partly cloudy. Light drizzling rainfall is expected on 01.01.25, 02.01.25, 03.01.25 & 05.01.25 for the days. Maximum temperature is expected to be around 29°C to 30°C. Minimum temperature is expected to be around 21°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 55 per cent. Average wind speed is expected to be around 10-15 km per hour and the wind directions will be from North East direction.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tiruppur District Block Wise Rainfall(mm) for next five days** | | | | | | | | | | | | | |
| Date | Avinashi | Dharapuram | Gudimangalam | Kangeyam | Kundadam | Madathukualm | Mulanur | Palladam | Pongalur | Tiruppur | Udumalpet | Uthukuli | Vellakovil |
| **01-01-2025** | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| **02-01-2025** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **03-01-2025** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **04-01-2025** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **05-01-2025** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

**Agro Advisory**

|  |  |  |
| --- | --- | --- |
| **Crop** | **Stage** | **Advisory** |
| General |  | Light drizzling rainfall alone is expected for the next four days and the wind speed is expected to be around up to 15 kmph in Western zone districts.  Irrigation may be done based on soil moisture. |
| Rice | Flowering & Harvest | Favourable temperature and relative humidity, may induce bacterial leaf blight in rice crop. To control spray Streptomycin sulphate + Tetracycline combination at 300 g + Copper oxychloride 1250 g/ha or Copper hydroxide 2g/lit of water. If necessary, repeat 15 days later.  If stem borer incidence noticed, spray Flubendamide 39.35% W/W SC @ 20ml/acre.  If rice neck blast symptom observed keresoxim methyl 40% + Hexaconazole 8% WG @ 200 gram / acre |
| Maize | Flowering | Apply second top dressing with 100 kg urea and 20 kg MoP per hectare followed by irrigation as drizzling rainfall alone expected. |

|  |  |  |
| --- | --- | --- |
| Banana & sugarcane |  | Due to increasing wind speed (>10kmph) and anticipating rainfall propping in sugarcane and support for five months and above old banana may be done immediately.  Due to dewfall, there is a possibility for sigatoka leaf spot, spray pyraclostrobin 20% WG @ 300 gram / acre |
| Coconut |  | Considering the less rain days, inward trench around the coconut trees may be prepared to harvest forthcoming rains in to the root zone.  Apply Bacillus subtilis 2.5 Kg/ha +250Kg FYM to control the basal stem rot diseases in cocount |
| Animal Husbandry |  | Provide adequate clean drinking water to avoid thirstiness in animals during cool winter. |

**SMS advisory:**

Apply second top dressing with 100 kg urea and 20 kg MoP per hectare followed by irrigation as drizzling rainfall alone expected.

**Professor and Head**

**Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**