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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 Tiruppur District** Bulletin No.071/2024 Issued on 03.09.2024 **(From 04th September 2024 to 08th September 2024)**  **Issued jointly by Agro Climate Research Centre, TNAU and IMD** | C:\Users\lenovo\Desktop\TNAU_Golden_Jubilee_Logo .jpg |

**Past Weather for Tamil Nadu District**

Weather Summary for the period since the issue of last bulletin 070 (30.08.2024) for Tamil Nadu. Maximum temperature ranged from 31°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 17oC to 21oC and minimum temperature ranged from 11oC to 14oC. During this period occurred rainfall was recorded in Tamil Nadu.

**Tiruppur District Past Weather**

In Tiruppur district, during 30.08.2024 to 02.09.2024 the Maximum temperature was recorded 31°C to 32°C the minimum temperature was 23°C. The morning relative humidity recorded was 86 per cent and evening relative humidity was 70 per cent. The average wind speed recorded was 13-25 km per hour and the wind direction were from South West direction.

**Weather Summary for Tiruppur district**

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| **Past Week Summary**  **(30.08.2024 to 02.09.2024)** | | | | **Ensemble weather forecast valid until**  **08.30 hrs of 08.09.2024** | | | | | |
| **Day-1**  **30/08** | **Day-2**  **31/08** | **Day-3**  **01/09** | **Day-3**  **02/09** | **Date** | **Day-1**  **04/09** | **Day-2**  **05/09** | **Day-3**  **06/09** | **Day-4**  **07/09** | **Day-5**  **08/09** |
| 1.4 | 0.0 | 1.0 | 0.0 | **Rainfall** | 2 | 2 | 0 | 0 | 1 |
| 32 | 31 | 32 | 32 | **Max. Temp. (o C)** | 35 | 35 | 36 | 36 | 36 |
| 23 | 23 | 23 | 23 | **Mini. Temp. (o C)** | 24 | 24 | 24 | 24 | 24 |
| 7 | 7 | 7 | 6 | **Cloud cover (Octa)** | 6 | 7 | 5 | 4 | 6 |
| 86 | 82 | 78 | 81 | **RH morning (%)** | 70 | 70 | 70 | 70 | 70 |
| 73 | 77 | 74 | 70 | **RH evening (%)** | 40 | 40 | 30 | 30 | 30 |
| 19 | 13 | 21 | 25 | **Wind (kmph)** | 24 | 26 | 26 | 26 | 24 |
| 230 | 230 | 230 | 230 | **Wind Direction** | 250 | 250 | 250 | 250 | 250 |

**Weather forecast for next five days:** **(04.09.2024 to 08.09.2024)**

According to district forecast issued by the India Meteorological Department for Tiruppur district, sky will be mostly cloudy. Light drizzling rainfall is expected on 04.09.2024, 05.09.2024 and 08.09.2024. Maximum temperature is expected to be around 35°C to 36°C. Minimum temperature is expected to be around 24°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be around 30 per cent. Average wind speed is expected to be around 24-26 km per hour and the wind directions will be from South West direction.

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| **Tiruppur District Block Wise Rainfall(mm) for next five days** | | | | | | | | | | | | | |
| Date | Avinashi | Dharapuram | Gudimangalam | Kangeyam | Kundadam | Madathukualm | Mulanur | Palladam | Pongalur | Tiruppur | Udumalpet | Uthukuli | Vellakovil |
| **04-09-2024** | 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 |
| **05-09-2024** | 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 |
| **06-09-2024** | 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 |
| **07-09-2024** | 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 |
| **08-09-2024** | 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**

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| **Crop** | **Stage** | **Advisory** |
| General |  | Dry week or drizzling rainfall is alone expected for the next five days and the wind speed is expected around 10 – 26 kmph in Western zone districts.  Schedule the irrigation based on soil moisture. |
| Fodder sorghum | Sowing | By utilizing rainfall, fodder sorghum or cowpea may be sown under rainfed lands |
| Sugarcane | Vegetative | Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. |
| Tomato | Vegetative | Weather is favourable for sucking pest in Tomato. Monitor and spray 3% neem seed kernal extract, if observed.  Weather is favourable for damping off disease in tomato. Apply *Trichoderma viride* @ 2.5 kg per hectare + 250kg FYM.  To control early blight disease, spray chlorothalonil 40% W/W + Difenoconazole 4.0 W/W SC @ 2ml /lit. If sucking pests white flies and mites incidence noticed, spray Spiromesifen 22.9 % SC @ 625ml / ha |
| Banana |  | Considering the high wind speed above 10 kmph, provide supports to the banana of more than five months old to prevent from lodging.  Prevailing weather condition is faraouble for the sigatoka leaf spot in banana. Hence spray Propiconazole 1 ml/lit + wetting agent @ 1ml/lit during non rainy days. Always add 5 ml of wetting agent like Sandovit,Triton AE, Teepol etc. per 10 lit of spray fluid. |
| Animal Husbandry |  | Considering the prevailing hot and windy weather, provide enough clean drinking water to the animals. |

**SMS advisory:**

* Considering the high wind speed above 10 kmph, provide supports to the banana of more than five months old to prevent from lodging.

**Professor and Head**

**Principal Nodal Officer (GKMS)**

**Agro Climate Research Centre**