



Tamil Nadu Rice Research Institute - Aduthurai

&

India Meteorological Department

Agromet Advisory Bulletin for the **Thiruvarur** District

Bulletin No.75/2024 Issued on **17.12.2024**

(From **18th December 2024 to 22th December 2024**)

Issued jointly by **TRRI, Aduthurai and IMD**



Thiruvarur District Past Weather

In Thiruvarur district, during 10.12.2024 to 12.12.2024 the Maximum temperature was recorded 25 - 32 °C the minimum temperature was 24 - 26 °C. The morning relative humidity recorded was 98 per cent and evening relative humidity was 93 per cent. The average wind speed recorded was 4 km per hour and the wind directions were from north east direction.

Weather forecast for next five days: (18.12.2024 to 22.12.2024)

| Past Week Summary (13.12.2024 to 16.12.2024) | | | | Parameters | Ensemble weather forecast valid until 08.30 hrs of 22.12.2024 | | | | |
|---|----------------|----------------|----------------|---------------------------|--|----------------|----------------|------------------|------------------|
| Day-1 13/12 | Day-2 14/12 | Day-3 15/12 | Day-4 16/12 | Date | Day-1 18/12 | Day-2 19/12 | Day-3 20/12 | Day-4 21/12 | Day-5 22/12 |
| 66.6 | 81.5 | 3.5 | 0.0 | Rainfall. (mm) | 28 | 25 | 28 | 8 | 10 |
| 26 | 25 | 27 | 28 | Max. Temp. (°C) | 28 | 28 | 28 | 27 | 27 |
| 24 | 23 | 24 | 22 | Mini. Temp. (°C) | 22 | 22 | 22 | 23 | 23 |
| 6 | 6 | 6 | 6 | Cloud cover (Octa) | 6 | 6 | 6 | 6 | 6 |
| 96 | 85 | 86 | 78 | RH morning (%) | 88 | 88 | 88 | 85 | 85 |
| 80 | 83 | 78 | 78 | RH evening (%) | 75 | 75 | 75 | 78 | 78 |
| 4 | 4 | 4 | 4 | Wind (kmph) | 8 | 8 | 8 | 6 | 6 |
| North East | North East | North East | North East | Wind Direction | South | South | South | South South West | South South West |

Weather Summary for Thiruvarur district

According to district forecast issued by the India Meteorological Department for Thiruvarur district, sky will be cloudy. Light to moderate rainfall expected on 18.12.2024 to 22.12.2024. Maximum temperature is expected to be around 27 - 28 °C. Minimum temperature is expected to be around 22 - 23 °C. Morning relative humidity is expected to be around 88 per cent and evening relative humidity is expected to be around 78 per cent. Average wind speed is expected to be around 6 - 8 km per hour and the wind directions will be from south direction.

Agro Advisory

| Crop | Stage | Advisory |
|--------------------|---------------------|---|
| General | | Farmers are advised to provide adequate drainage facilities to all crops due to moderate to heavy rainfall forecast. |
| | | Deepen the drainage channel to ensure better drainage. |
| | | Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage. |
| | | Avoid application of fertilizers and insecticides to the crops. |
| | | Keep the farm implements, machineries and batteries in uplands / store rooms. |
| All crops | Irrigation | Farmers are advised to provide light irrigation or postpone irrigation to all crops due to moderate to heavy rainfall forecast. |
| Banana | | Provide support with wooden poles to avoid lodging of tree due to rain and wind. |
| Fruit trees | | Pruning/ cutting of excess branches maybe done to avoid lodging of trees. |
| Sugarcane | | To avoid lodging due to heavy rain, detrashing and propping of sugarcane is recommended. |
| Cattle | Cow and Goat | Provide proper shedding facilities to the livestock in elevated places. |

SMS advisory

Farmers are advised to provide adequate drainage facilities to all crops due to moderate to heavy rainfall forecast.

**Director,
TRRI, Aduthurai**