



Tamil Nadu Rice Research Institute - Aduthurai

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India Meteorological Department
Agromet Advisory Bulletin for the **Thanjavur** District
Bulletin No.80/2024 Issued on **31.12.2024**
(From **01st January 2024** to **05th January 2024**)
Issued jointly by **TRRI, Aduthurai and IMD**



Thanjavur District Past Weather

In Thanjavur district, during 27.12.2024 to 30.12.2024 the Maximum temperature was recorded 30 - 31 °C the minimum temperature was 25 - 26 °C. The morning relative humidity recorded was 87 per cent and evening relative humidity was 89 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: (01.01.2025 to 05.01.2025)

| Past Week Summary (27.12.2024 to 30.12.2024) | | | | Parameters | 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-3 30/12 | | Date | Day-1 01/01 | Day-2 02/01 | Day-3 03/01 | Day-4 04/01 |
| 0.5 | 1.0 | 0.2 | 5.4 | Rainfall. (mm) | 4 | 4 | 4 | 3 | 2 |
| 31 | 30 | 31 | 31 | Max. Temp. (°C) | 29 | 29 | 29 | 30 | 30 |
| 26 | 25 | 25 | 25 | Mini. Temp. (°C) | 24 | 24 | 24 | 25 | 25 |
| 6 | 6 | 6 | 6 | Cloud cover (Octa) | 6 | 6 | 6 | 6 | 6 |
| 86 | 81 | 72 | 87 | RH morning (%) | 88 | 88 | 88 | 85 | 85 |
| 89 | 80 | 78 | 88 | RH evening (%) | 78 | 78 | 78 | 75 | 75 |
| 4 | 4 | 4 | 4 | Wind (kmph) | 12 | 12 | 15 | 10 | 10 |
| North East | North East | North East | North East | Wind Direction | North East | North East | East North East | North East | North East |

Weather Summary for Thanjavur district

According to district forecast issued by the India Meteorological Department for Thanjavur district, sky will be cloudy. Light rainfall expected on 01.01.2025 to 05.01.2025. Maximum temperature is expected to be around 29 - 30 °C. Minimum temperature is expected to be around 24 - 25 °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 10 - 15 km per hour and the wind directions will be from north east direction.

Agro Advisory

| | |
|----------------|---|
| General | Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage. |
| Rice | <p>The prevailing weather condition is favourable for gall midge infection. It leads to the formation of onion like leaf and prevents panicle formation. To control this apply chloripyriphos 20 EC 500 ml/ha or Beauveria bassiana 5 gram / 1 litter after rain cessation.</p> <p>If leaf folder symptoms found (folded leaf, white scrape on leaf) avoid excessive nitrogenous fertilizers, remove weeds and Release Trichogramma chilonis @2 cc (40,000/ ac). Spray Phosalone 35 EC 600 ml/ha or Carbosulfan 6% G 16.7 kg/ha or Cartaphydrochloride 50 % SP 1000 g/ha.</p> |
| Cattle | <p>Cow and Goat</p> <p>The prevailing night time temperature is favorable for pneumonia formation in cattle. To reduce the risk of pneumonia, cow, goat and calves shouldn't be left out in open condition during night. A suitable night time shelter with enough heating provision must be given.</p> |

SMS advisory

Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage.

**Director,
TRRI, Aduthurai**