



Agromet Advisory Bulletin for the **Thanjavur** District

(From 20th December 2023 to 24th December 2023)

Issued jointly by Tamil Nadu Rice Research Institute -
Aduthurai and IMD



Bulletin no: 101/2023

Date: 19.12.2023

Weather Summary for the period since the issue of last bulletin no. 100 (15.12.2023) for Tamil Nadu: Thanjavur district

Maximum temperature of 27 - 29 °C, minimum temperature of 24 °C, isolated rainfall was recorded in Thanjavur district.

Weather Summary and forecast for Thanjavur district

| Past week Summary 15.12.2023 to 18.12.2023 | | | | Parameters | Ensemble weather forecast valid until 08.30 hr of 24.12.2023 | | | | |
|---|----------------|----------------|----------------|------------------------|---|------------------|----------------|----------------|----------------|
| Day-1 15/12 | Day-2 16/12 | Day-3 17/12 | Day-4 18/12 | | Date | Day-1 20/12 | Day-2 21/12 | Day-3 22/12 | Day-4 23/12 |
| 0.0 | 2.7 | 33.9 | 1.4 | Rainfall (mm) | 25 | 2 | 3 | 0 | 2 |
| 29 | 28 | 27 | 28 | Max. Temp. (°C) | 27 | 26 | 25 | 24 | 25 |
| 24 | 24 | 24 | 24 | Min. Temp. (°C) | 24 | 23 | 23 | 22 | 22 |
| 6 | 6 | 6 | 6 | Cloud cover | 6 | 6 | 7 | 7 | 6 |
| 79-77 | 83-82 | 87-84 | 87-76 | RH I-II (%) | 90-80 | 90-80 | 90-70 | 90-70 | 90-70 |
| 5 | 5 | 6 | 5 | Wind (kmph) | 18 | 16 | 14 | 16 | 18 |
| North East | North East | North East | North East | Wind direction | North North East | North North East | North East | North East | North East |

Weather forecast for next five days (20.12.2023 to 24.12.2023)

According to district level forecast issued by India Meteorological Department for Thanjavur district, the sky will be moderate cloudy. Light rainfall is expected on 20.12.2023, 21.12.2023, 22.12.2023 and 24.12.2023. Maximum temperature is expected to be around 24 - 27 °C and minimum temperature is expected to be around 22 - 24 °C. Morning relative humidity is expected to be around 90 percent and evening relative humidity is expected to be around 70 - 80 percent. Average wind speed is expected to be around 14 - 18 km per hour. The wind direction will be north north east.

Agro Advisory

| Crop | Stage | Advisory |
|---------|------------|---|
| General | | Deepen the drainage channel and link with farm ponds towards rain water harvesting. |
| Rice | Main field | The prevailing weather condition favors leaf folder incidence. If leaf folder symptoms found (folded leaf, white scrape on leaf) spray Cartap hydrochloride 50 % SP @ 400 g/acre or Flubendiamide 20% WG 50 g/acre in 200 liter of water after rain. |
| | | The prevailing weather condition favorable for gall midge infection in rice. It leads to the formation of onion like leaf and prevents the panicle formation. To control this apply Fipronil 0.3 G @ 7 kg/ acre or chlorantraniliprole 0.4 w/w @ 4kg/acre after rain. |
| Banana | | Provide support with wooden poles to avoid lodging of tree due to rain and wind. |
| Cattle | Cow | Keep calves and lambs on upland areas to protect from rain. |

SMS advisory

Deepen the drainage channel and link with farm ponds towards rain water harvesting.

**Director
TRRI, Aduthurai**