



Agromet Advisory Bulletin for the **Tiruvarur** District
(From 03rd December 2022 to 07th December 2022)
Issued jointly by Tamil Nadu Rice Research Institute -
Aduthurai and IMD



Bulletin no: 96/2022

Date: 02.12.2022

Weather Summary for the period since the issue of last bulletin no. 95 (29.11.2022) for Tamil Nadu: Tiruvarur district

Maximum temperature of 29 °C - 30 °C, minimum temperature of 24 °C - 25 °C and isolated rainfall were recorded in Tiruvarur district.

Weather Summary and forecast for Tiruvarur district

| Past week Summary 29.11.2022 to 01.12.2022 | | | Parameters | Ensemble weather forecast valid until 08.30 hrs of 07.12.2022 | | | | |
|--|----------------|----------------|---------------------------|--|--------------------|--------------------|---------------------|---------------------|
| Day-1 29/11 | Day-2 30/11 | Day-3 01/12 | | Date | Day-1 03/12 | Day-2 04/12 | Day-3 05/12 | Day-4 06/12 |
| 4.4 | 0 | 2.1 | Rainfall (mm) | 6 | 12 | 6 | 3 | 10 |
| 29 | 30 | 30 | Max. Temp. (°C) | 31 | 30 | 30 | 29 | 29 |
| 25 | 24 | 24 | Min. Temp. (°C) | 24 | 23 | 23 | 22 | 22 |
| 6 | 5 | 5 | Cloud cover (Octa) | 5 | 8 | 6 | 7 | 8 |
| 81-76 | 76-69 | 82-68 | RH I-II (%) | 90-60 | 90-70 | 90-70 | 90-70 | 90-70 |
| 4 | 4 | 4 | Wind (kmph) | 12 | 12 | 10 | 14 | 14 |
| North East | North East | North East | Wind direction | East North East | East North East | East North East | North North East | North North West |

Weather forecast for next five days (03.12.2022 to 07.12.2022)

According to district level forecast issued by India Meteorological Department for Tiruvarur district, the sky will be completely cloudy. Light rainfall is expected on 03.12.2022 to 07.12.2022. Maximum temperature is expected to be around 29 °C - 31 °C and minimum temperature is expected to be around 22 °C - 24 °C. Morning relative humidity is expected to be around 90 percent and evening relative humidity is expected to be around 60-70 percent. Average wind speed is expected to be around 10-14 km per hour and the wind direction will be east north east.

Agro Advisory

| Crop | Stage | Advisory |
|---------|--------------|--|
| General | | Postpone/avoid irrigation to all crops depending upon rain condition. |
| Rice | Main field | If leaf folder symptoms found (folded leaf, white scrape on leaf) apply Carbosulfan 6% G 16.7 kg/ha or Cartaphydrochloride 50 % SP 1000 g/ha as soil application or Beauveria bassiana 5 gram / 1 litter. Beauveria bassiana is available at Tamil Nadu Rice Research Institute – Aduthurai. |
| | | 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. |
| Cattle | Cow and Goat | 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. |

SMS advisory

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**Director
TRRI, Aduthurai**