



**Bulletin no: 104/2022**

**Date: 30.12.2022**

Weather Summary for the period since the issue of last bulletin no. 103 (27.12.2022) for Tamil Nadu: Perambalur district

Maximum temperature of 29 °C - 31 °C, minimum temperature of 23 °C- 24 °C, and isolated rainfall were recorded in Perambalur district.

**Weather Summary and forecast for Perambalur district**

| Past week Summary<br>27.12.2022 to 29.12.2022 |                |                | Parameters      | Ensemble weather forecast valid until 08.30 hrs of<br>04.01.2023 |                |                 |                  |                  |
|---|----------------|----------------|-----------------|--|----------------|-----------------|------------------|------------------|
| Day-1<br>27/12                                | Day-2<br>28/12 | Day-3<br>29/12 |                 | Date   | Day-1<br>31/12 | Day-2<br>01/01  | Day-3<br>02/01   | Day-4<br>03/01   |
| 1.7   | 5.5            | 0              | Rainfall (mm)   | 2  | 0              | 1               | 0                | 1                |
| 31  | 29             | 31             | Max. Temp. (°C) | 31   | 32             | 32              | 31               | 31               |
| 24  | 23             | 23             | Min. Temp. (°C) | 22   | 22             | 21              | 21               | 21               |
| 7   | 5              | 3              | Cloud cover     | 3  | 1              | 2               | 2                | 4                |
| 90-86   | 88-64          | 84-67          | RH I-II (%)     | 90-50  | 90-40          | 90-50           | 90-50            | 90-50            |
| 7   | 10             | 7              | Wind (kmph)     | 6  | 8              | 6               | 6                | 6                |
| North   | East           | East           | Wind direction  | North East   | North East     | East North East | North North East | North North East |

**Weather forecast for next five days (31.12.2022 to 04.01.2023)**

According to district level forecast issued by India Meteorological Department for Perambalur district, the sky will be moderately cloudy. Rainfall is expected on 31.12.2022, 02.01.2023 and 04.01.2023. Maximum temperature is expected to be around 31 °C - 32 °C and minimum temperature is expected to be around 21 °C - 22 °C. Morning relative humidity is expected to be around 90 percent and evening relative humidity is expected to be around 40-50 percent. Average wind speed is expected to be around 6-8 km per hour the wind direction will be north north east.

## Agro Advisory

| Crop   | Stage        | Advisory  |
|--------|--------------|---|
| 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 after rain cessation. 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 after rain cessation.  |
|        |              | Sheath blight is being noticed in the paddy field due to prevailing weather condition. To control this, spray carbendazim 200g/ac or propiconazole 200 ml/acre in 200 liter water after rain cessation.   |
| 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

Considering pest attack and symptoms, apply appropriate pesticide at standard rate.

**Director  
TRRI, Aduthurai**