



**Agromet Advisory Bulletin for the Ariyalur District**  
**(From 20<sup>th</sup> December 2023 to 24<sup>th</sup> 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: Ariyalur district

Maximum temperature of 29 - 31 °C, minimum temperature of 23 - 24 °C, isolated rainfall was recorded in Ariyalur district.

**Weather Summary and forecast for Ariyalur 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<br>15/12                             | Day-2<br>16/12   | Day-3<br>17/12 | Day-4<br>18/12 |                        | Date   | Day-1<br>20/12   | Day-2<br>21/12 | Day-3<br>22/12 | Day-4<br>23/12   |
| 0.0  | 6.5              | 16.8           | 1.8            | <b>Rainfall (mm)</b>   | 4  | 1                | 1              | 0              | 0                |
| 31   | 30               | 30             | 30             | <b>Max. Temp. (°C)</b> | 28   | 28               | 27             | 28             | 29               |
| 24   | 23               | 24             | 24             | <b>Min. Temp. (°C)</b> | 24   | 24               | 23             | 24             | 24               |
| 6  | 7                | 7              | 7              | <b>Cloud cover</b>     | 6  | 7                | 6              | 6              | 5                |
| 74-74                                      | 86-95            | 87-78          | 85-76          | <b>RH I-II (%)</b>     | 90-70  | 90-60            | 90-50          | 90-50          | 80-60            |
| 19   | 9                | 19             | 13             | <b>Wind (kmph)</b>     | 16   | 16               | 14             | 16             | 14               |
| North North East                           | North North East | North East     | North East     | <b>Wind direction</b>  | North North East   | North North East | North East     | North East     | North 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 Ariyalur district, the sky will be moderate cloudy. Light rainfall is expected on 20.12.2023 to 22.12.2023. Maximum temperature is expected to be around 27 - 29 °C and minimum temperature is expected to be around 23 - 24 °C. Morning relative humidity is expected to be around 80 - 90 percent and evening relative humidity is expected to be around 60 - 70 percent. Average wind speed is expected to be around 14 - 16 km per hour. The wind direction will be 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**