



## Tamil Nadu Rice Research Institute - Aduthurai

&

India Meteorological Department

Agromet Advisory Bulletin for the **Tiruchirappalli** District

Bulletin No.70/2024 Issued on **29.11.2024**

(From 30<sup>th</sup> November 2024 to 04<sup>th</sup> December 2024)

Issued jointly by **TRRI, Aduthurai and IMD**



### Tiruchirappalli District Past Weather

In Tiruchirappalli district, during 26.11.2024 to 28.11.2024 the Maximum temperature was recorded 25 - 29 °C the minimum temperature was 22 - 24 °C. The morning relative humidity recorded was 96 per cent and evening relative humidity was 96 per cent. The average wind speed recorded was 8 - 11 km per hour and the wind directions were from north west direction.

### Weather forecast for next five days: (30.11.2024 to 04.12.2024)

| Past Week Summary<br>(26.11.2024 to 28.11.2024) |                |                | Parameters                | Ensemble weather forecast valid until<br>08.30 hrs of 04.12.2024 |                    |                |                    |                    |
|---|----------------|----------------|---------------------------|--|--------------------|----------------|--------------------|--------------------|
| Day-1<br>26/11                                  | Day-2<br>27/11 | Day-3<br>28/11 | Date                      | Day-1<br>30/11   | Day-2<br>01/12     | Day-3<br>02/12 | Day-4<br>03/12     | Day-5<br>04/12     |
| 0.0   | 15.3           | 3.1            | <b>Rainfall. (mm)</b>     | 52   | 63                 | 21             | 16                 | 10                 |
| 29  | 28             | 25             | <b>Max. Temp. (°C)</b>    | 28   | 27                 | 26             | 25                 | 25                 |
| 24  | 22             | 23             | <b>Mini. Temp. (°C)</b>   | 23   | 22                 | 21             | 20                 | 20                 |
| 8   | 8              | 8              | <b>Cloud cover (Octa)</b> | 8  | 8                  | 8              | 8                  | 6                  |
| 91  | 96             | 95             | <b>RH morning (%)</b>     | 90   | 90                 | 90             | 90                 | 90                 |
| 96  | 86             | 71             | <b>RH evening (%)</b>     | 80   | 80                 | 70             | 70                 | 60                 |
| 8   | 10             | 11             | <b>Wind (kmph)</b>        | 36   | 60                 | 6              | 8                  | 10                 |
| North<br>North<br>East                          | North<br>West  | North<br>West  | <b>Wind Direction</b>     | West   | West South<br>West | South          | East South<br>East | East South<br>East |

### Weather Summary for Tiruchirappalli district

According to district forecast issued by the India Meteorological Department for Tiruchirappalli district, sky will be cloudy. Moderate to heavy rainfall expected on 30.11.2024 to 04.12.2024. Maximum temperature is expected to be around 25 - 28 °C. Minimum temperature is expected to be around 20 - 23 °C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 80 per cent. Average wind speed is expected to be around 6 - 60 km per hour and the wind directions will be from east south east direction.

### Agro Advisory

| <b>Crop</b>        | <b>Stage</b>        | <b>Advisory</b>   |
|--------------------|---------------------|---|
| <b>General</b>     |                     | Farmers are advised to provide adequate drainage facilities to all crops due to moderate to heavy rainfall forecast.            |
|                    |                     | Deepen the drainage channel to ensure better drainage.  |
|                    |                     | Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage.                      |
|                    |                     | Avoid application of fertilizers and insecticides to the crops.   |
|                    |                     | Keep the farm implements, machineries and batteries in uplands / store rooms.   |
| <b>All crops</b>   | <b>Irrigation</b>   | Farmers are advised to provide light irrigation or postpone irrigation to all crops due to moderate to heavy rainfall forecast. |
| <b>Banana</b>      |                     | Provide support with wooden poles to avoid lodging of tree due to rain and wind.  |
| <b>Fruit trees</b> |                     | Pruning/ cutting of excess branches maybe done to avoid lodging of trees.   |
| <b>Sugarcane</b>   |                     | To avoid lodging due to heavy rain, detrashing and propping of sugarcane is recommended.  |
| <b>Cattle</b>      | <b>Cow and Goat</b> | Provide proper shedding facilities to the livestock in elevated places.   |

### **SMS advisory**

Farmers are advised to provide adequate drainage facilities to all crops due to moderate to heavy rainfall forecast.

**Director,  
TRRI, Aduthurai**