



## Agromet Advisory Bulletin for the **Tiruchirappalli** District

(From 27<sup>th</sup> April 2024 to 01<sup>st</sup> May 2024)

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



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**Date: 26.04.2024**

Weather Summary for the period since the issue of last bulletin no. 07 (23.04.2024) for Tamil Nadu: Tiruchirappalli district

Maximum temperature of 40 - 41 °C, minimum temperature of 27 - 28 °C, and was recorded Tiruchirappalli district.

**Weather forecast for next five days (27.04.2024 to 01.05.2024)**

| Past week Summary<br>23.04.2024 to 25.04.2024 |                |                       | Parameters      | Ensemble weather forecast valid until 08.30 hr of<br>01.05.2024 |                |                |                     |                |
|---|----------------|-----------------------|-----------------|---|----------------|----------------|---------------------|----------------|
| Day-1<br>23/04                                | Day-2<br>24/04 | Day-3<br>25/04        |                 | Date  | Day-1<br>27/04 | Day-2<br>28/04 | Day-3<br>29/04      | Day-4<br>30/04 |
| 0   | 0              | 0                     | Rainfall (mm)   | 0   | 0              | 0              | 0                   | 0              |
| 40  | 40             | 41                    | Max. Temp. (°C) | 41  | 41             | 42             | 42                  | 42             |
| 27  | 27             | 28                    | Min. Temp. (°C) | 28  | 29             | 29             | 29                  | 29             |
| 4   | 4              | 3                     | Cloud cover     | 2   | 3              | 2              | 5                   | 3              |
| 70-31   | 63-32          | 65-30                 | RH I-II (%)     | 80-20   | 80-20          | 80-20          | 80-20               | 60-20          |
| 11  | 8              | 4                     | Wind (kmph)     | 10  | 10             | 12             | 10                  | 12             |
| East<br>North<br>East                         | East           | East<br>North<br>East | Wind direction  | East South<br>East  | South East     | South East     | South South<br>East | South          |

### **Weather Summary and forecast for Tiruchirappalli district**

According to district level forecast issued by India Meteorological Department for Tiruchirappalli district, the sky will be clear. No rainfall expected coming five days. Maximum temperature is expected to be around 41 - 42 °C and minimum temperature is expected to be around 28 - 29 °C. Morning relative humidity is expected to be around 60 - 80 percent and evening relative humidity is expected to be around 20 percent. Average wind speed is expected to be around 10 - 12 km per hour. The wind direction will be south east.

### **Agro Advisory**

| Crop    | Stage | Advisory   |
|---------|-------|--|
| General |       | Since temperature is increasing, apply mulches to conserve soil moisture. Summer ploughing is also beneficial. |

|         |        |  |
|---------|--------|--|
| Pulses  | Sowing | Farmers are advised to go for summer irrigated pulse cultivation during this Chithiraipattam (April-May). Suitable varieties in blackgram are ADT 5, VBN 5, VBN 6, VBN 8 and in greengram are VBN 2 and VBN 3.   |
| Coconut |        | Inward basin may be formed around the coconut trees to catch the water in summer in the root zone.   |
| Cattle  | Cow    | During summer, tick infestation flares up in all livestock. This might cause anemia & makes up way for various disease occurrences. The animal will be dull & depressed, difficulty in feed intake. Mix 3ml of butox in 1 litre of water and wash the animals with damp cloth. |

### **SMS advisory**

Since temperature is increasing, apply mulches to conserve soil moisture. Summer ploughing is also beneficial.

**Director  
TRRI, Aduthurai**