



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

(From 17<sup>th</sup> May 2023 to 21<sup>st</sup> May 2023)

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



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Weather Summary for the period since the issue of last bulletin no. 38 (12.05.2023) for Tamil Nadu: Perambalur district

Maximum temperature of 36 - 39 °C, minimum temperature of 26 - 28 °C, isolated rainfall was recorded in Perambalur district.

### Weather Summary and forecast for Perambalur district

| Past week Summary 12.05.2023 to 15.05.2023 |                 |                |                  | Parameters                | Ensemble weather forecast valid until 08.30 hr of 21.05.2023 |                  |                  |                  |                |
|--|-----------------|----------------|------------------|---------------------------|--|------------------|------------------|------------------|----------------|
| Day-1<br>12/05                             | Day-2<br>13/05  | Day-3<br>14/05 | Day-4<br>15/05   |                           | Date   | Day-1<br>17/05   | Day-2<br>18/05   | Day-3<br>19/05   | Day-4<br>20/05 |
| 0  | 0               | 0              | 1.7              | <b>Rainfall (mm)</b>      | 0  | 0                | 0                | 0                | 0              |
| 38   | 36              | 37             | 39               | <b>Max. Temp. (°C)</b>    | 40   | 41               | 42               | 42               | 42             |
| 26   | 27              | 27             | 28               | <b>Min. Temp. (°C)</b>    | 28   | 28               | 29               | 29               | 30             |
| 7  | 6               | 4              | 4                | <b>Cloud cover (Octa)</b> | 5  | 4                | 3                | 2                | 1              |
| 80-64                                      | 78-53           | 73-43          | 70-46            | <b>RH I-II (%)</b>        | 60-20  | 60-20            | 70-20            | 70-20            | 60-30          |
| 11   | 14              | 18             | 13               | <b>Wind (kmph)</b>        | 6  | 8                | 10               | 12               | 8              |
| South                                      | West South West | South West     | South South West | <b>Wind direction</b>     | South West   | South South West | South South West | South South West | South West     |

### Weather forecast for next five days (17.05.2023 to 21.05.2023)

According to district level forecast issued by India Meteorological Department for Perambalur district, the sky will be clear. No rainfall is expected coming five days. Maximum temperature is expected to be around 40 – 42 °C and minimum temperature is expected to be around 28 - 30 °C. Morning relative humidity is expected to be around 60 – 70 percent and evening relative humidity is expected to be around 20 - 30 percent. Average wind speed is expected to be around 6 - 12 km per hour. The wind direction will be south south west.

## Agro Advisory

| Crop    | Stage   | Advisory   |
|---------|---------|--|
| General |         | Farmers can utilize the mobile apps viz., (TNAU AAS, Meghdoot and DAMINI), for more updated weather information.   |
| Rice    | Nursery | Rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 are suitable for kuruvai season.  |
| Rice    | Nursery | The seeds should be treated with carbendazim (2 g/kg of seeds) or Pseudomonas (10g/kg of seeds) before sowing.   |
| Cattle  | Cow     | As temperature is incensing, spread coconut leaves or paddy straws over the roof of the animal shed and spray cold water to reduce heat stress to the animals. |

### SMS advisory

Rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 are suitable for kuruvai season.

**Director  
TRRI, Aduthurai**