



# Agromet Advisory Bulletin for the Nagapattinam District

(From 15<sup>th</sup> February 2023 to 19<sup>th</sup> February 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. 12 (10.02.2023) for Tamil Nadu: Nagapattinam district

Maximum temperature of 30 °C, minimum temperature of 21 - 22 °C, was recorded in Nagapattinam district.

### Weather Summary and forecast for Nagapattinam district

| Past week Summary 10.02.2023<br>to 13.02.2023 |                |                |                | Parameters             | Ensemble weather forecast valid until 08.30 hrs of<br>19.02.2023 |                |                |                 |                  |
|---|----------------|----------------|----------------|------------------------|--|----------------|----------------|-----------------|------------------|
| Day-1<br>10/02                                | Day-2<br>11/02 | Day-3<br>12/02 | Day-4<br>13/02 |                        | Date   | Day-1<br>15/02 | Day-2<br>16/02 | Day-3<br>17/02  | Day-4<br>18/02   |
| 0   | 0              | 0              | 0              | <b>Rainfall (mm)</b>   | 0  | 0              | 0              | 0               | 0                |
| 30  | 30             | 30             | 30             | <b>Max. Temp. (°C)</b> | 30   | 30             | 31             | 31              | 31               |
| 22  | 22             | 21             | 21             | <b>Min. Temp. (°C)</b> | 21   | 21             | 22             | 22              | 22               |
| 3   | 5              | 2              | 2              | <b>Cloud cover</b>     | 0  | 0              | 0              | 0               | 0                |
| 95-71   | 91-77          | 96-68          | 93-71          | <b>RH I-II (%)</b>     | 80-40  | 80-40          | 80-50          | 90-50           | 90-50            |
| 4   | 5              | 4              | 4              | <b>Wind (kmph)</b>     | 10   | 10             | 12             | 12              | 10               |
| North East                                    | North East     | North East     | North East     | <b>Wind direction</b>  | North North East   | North East     | East           | East South East | North North East |

### Weather forecast for next five days (15.02.2023 to 19.02.2023)

According to district level forecast issued by India Meteorological Department for Nagapattinam district, the sky will be less cloudy. No rainfall is expected for next five days. Maximum temperature is expected to be around 30 – 31 °C and minimum temperature is expected to be around 21 – 22 °C. Morning relative humidity is expected to be around 80-90 percent and evening relative humidity is expected to be around 40-50 percent. Average wind speed is expected to be around 10 – 12 km per hour. The wind direction will be north east.

## Agro Advisory

| Crop    | Stage        | Advisory  |
|---------|--------------|---|
| General |              | Farmers can utilize the mobile apps viz., (TNAU AAS, Meghdoot and DAMINI), for more updated weather information.  |
| Rice    | Harvest      | Harvest the paddy crop at optimum moisture content during the ensuing dry weather conditions.   |
| Pulses  | Sowing       | Treat the black gram seeds with <i>Beauveria basiana</i> @10g per kg of seeds before sowing.  |
| Pulses  | Sowing       | Sow black gram or green gram in rice harvested fields.  |
| Cattle  | Cow and Goat | The prevailing night time temperature is favorable for pneumonia formation in cattle. To reduce the risk, suitable nighttime shelter with enough heating provision must be given. |

## SMS advisory

Farmers are advised to harvest matured paddy at optimum moisture content.

**Director  
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