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| **Description: A close up of a sign  Description automatically generated** | **Tamil Nadu Rice Research Institute - Aduthurai**  **&**  **India Meteorological Department**  **Agromet Advisory Bulletin for the Nagapattinam District** Bulletin No.10/2025 Issued on 02.04.2025(From 03rd May 2025 to 07th May 2025) **Issued jointly by TRRI, Aduthurai and IMD** | C:\Users\Dell\Desktop\Desktop\Tnau_logo.png |

**Nagapattinam District Past Weather**

In Nagapattinam district, during 29.04.2025 to 01.05.2025 the Maximum temperature was recorded 34 - 36 °C the minimum temperature was 26 - 27 °C. The morning relative humidity recorded was 82 per cent and evening relative humidity was 72 per cent. The average wind speed recorded was 2 - 9 km per hour and the wind directions were from south east direction.

**Weather forecast for next five days:** **(03.05.2025 to 07.05.2025)**

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| **Past Week Summary**  **(29.04.2025 to 01.05.2025)** | | | **Parameters** | **Ensemble weather forecast valid until**  **16.30 hrs of 07.05.2025** | | | | |
| **Day-1**  **29/04** | **Day-2**  **30/04** | **Day-3**  **01/05** | **Date** | **Day-1**  **03/05** | **Day-2**  **04/05** | **Day-3**  **05/05** | **Day-4**  **06/05** | **Day-5**  **07/05** |
| 4.9 | 0.9 | 0.0 | **Rainfall. (mm)** | 3 | 4 | 1 | 8 | 45 |
| 34 | 35 | 36 | **Max. Temp. (o C)** | 37 | 37 | 37 | 37 | 37 |
| 26 | 27 | 27 | **Mini. Temp. (o C)** | 27 | 27 | 27 | 27 | 27 |
| 6 | 5 | 6 | **Cloud cover (Octa)** | 5 | 5 | 5 | 6 | 6 |
| 82 | 75 | 78 | **RH morning (%)** | 75 | 75 | 75 | 80 | 80 |
| 74 | 65 | 72 | **RH evening (%)** | 65 | 65 | 65 | 70 | 70 |
| 2 | 7 | 9 | **Wind (kmph)** | 20 | 20 | 22 | 24 | 20 |
| South South East | South | South | **Wind Direction** | South South West | South | South | South | South South West |

**Weather Summary for Nagapattinam district**

According to district forecast issued by the India Meteorological Department for Nagapattinam district, sky will be clear. Light to heavy rainfall expected on 03.05.2025 to 07.05.2025. Maximum temperature is expected to be around 37 °C. Minimum temperature is expected to be around 27 °C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 70 per cent. Average wind speed is expected to be around 20 - 24 km per hour and the wind directions will be from south direction.

**Agro Advisory**

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| **General** | | Postpone/avoid irrigation to all crops depending upon rain condition. |
| **Rice** | **Nursery** | For summer nursery, an area of 20 cents can be allotted for planting 1 ha with the application of FYM or compost @ 1 ton. For clay soil, 4 kg gypsum and 1 kg DAP/cent can be applied 10 days prior to pulling out of seedlings to avoid root snapping. |
| **Rice** | **Main field** | Application of 10 kg zinc sulphate and 200 kg gypsum per acre is recommended at the time of transplanting, in addition to the recommended dose of nitrogen, Phosphorus and Potassium. |
| **Banana** |  | Provide support with wooden poles to avoid lodging of tree due to wind. |
| **Cattle** | **Cow and Goat** | Calves above 3 months and sheep and goat above 2 months should be vaccinated against Foot and Mouth disease |
| When the air temperature is above 35 degrees Celsius the dairy cattle tend to drink more water thereby decreasing the Dry Matter Intake (DMI). Hence to overcome this succulent protein rich green fodder mixed with green fodder may be provided to livestock. |

**SMS advisory**

Postpone/avoid irrigation to all crops depending upon rain condition.

**Director,**

**TRRI, Aduthurai**