



## Tamil Nadu Rice Research Institute - Aduthurai

&

India Meteorological Department

Agromet Advisory Bulletin for the **Nagapattinam** District

Bulletin No.46/2025 Issued on **09.09.2025**

(**From 10<sup>th</sup> September 2025 to 14<sup>th</sup> September 2025**)

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



### Nagapattinam District Past Weather

In Nagapattinam district, during 04.09.2025 and 08.09.2025 the Maximum temperature was recorded 33 - 36 °C the minimum temperature was 25 - 27 °C. The morning relative humidity recorded was 92 per cent and evening relative humidity was 77 per cent. The average wind speed recorded was 5 - 9 km per hour and the wind directions were from south east direction.

### Weather forecast for next five days: (10.09.2025 to 14.09.2025)

Past Week Summary (04.09.2025 and 08.09.2025)					Parameters	Ensemble weather forecast valid until 16.30 hrs of 14.09.2025				
Day-1 04/09	Day-2 05/09	Day-3 06/09	Day-4 07/09	Day-5 08/09	Date	Day-1 10/09	Day-2 11/09	Day-3 12/09	Day-4 13/09	Day-5 14/09
1.0	0.0	0.0	0.0	2.4	Rainfall. (mm)	1	0	1	1	0
33	36	36	36	36	Max. Temp. (°C)	35	35	36	35	35
25	27	27	26	25	Mini. Temp. (°C)	28	28	28	27	27
6	5	6	5	6	Cloud cover (Octa)	4	4	7	7	8
72	70	74	76	92	RH morning (%)	80	80	80	80	80
53	77	75	72	74	RH evening (%)	50	50	50	50	50
9	8	7	6	5	Wind (kmph)	24	24	18	20	24
West North West	South South East	South East	South East	South East	Wind Direction	South South West	South South West	South South West	South South West	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 drizzling expected on 10.09.2025, 12.09.2025 and 13.09.2025. Maximum temperature is expected to be around 35 - 36 °C. Minimum temperature is expected to be around 27 - 28 °C. Morning relative humidity is expected to be around 80 per cent and evening relative humidity is expected to be around 50 per cent. Average wind speed is expected to be around 18 - 24 km per hour and the wind directions will be from south south west direction.

### Agro Advisory

<b>Crop</b>	<b>Stage</b>	<b>Advisory</b>
<b>Rice</b>	<b>Main field</b>	By utilizing weather condition land can be prepared for rice cultivation.
		Apply 5 tons of FYM per acre during land preparation for rice planting.
		For 1 acre rice crop, apply 200 kg of gypsum, 10 kg zincsulphate, 15 kg of urea, 40 kg DAP and 10 kg potash as basal fertilizers.
		Apply 100 kg of neem cake before transplanting to avoid insect and nematode attack favourable under this prevailing weather condition.
	<b>Black Bug</b>	The prevailing weather condition favourable for black bug incidence in rice field. Spray Acephate 75 SP 40 g / acre or Thiamethoxam 25 WG 40 g / acre to control this pest.
	<b>Stem borer</b>	The prevailing weather condition favourable for stem borer incidence in rice field. Spray Chlorantraniliprole 18.5 SC 60 ml / acre or Chlorpyrifos 20 EC @ 500 ml / Acre to control this pest.
<b>Cattle</b>	<b>Cow</b>	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**

Farmers can utilize the mobile apps viz., (TNAU AAS, Meghdoot and DAMINI), for more updated weather information.

**Director,  
TRRI, Aduthurai**