



## Tamil Nadu Rice Research Institute - Aduthurai

&

India Meteorological Department

Agromet Advisory Bulletin for the **Nagapattinam** District

Bulletin No.57/2024 Issued on **15.10.2024**

(From 16<sup>th</sup> October 2024 to 20<sup>th</sup> October 2024)

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



### Nagapattinam District Past Weather

In Nagapattinam district, during 10.10.2024 to 14.10.2024 the Maximum temperature was recorded 31 °C - 33 °C the minimum temperature was 23 - 26 °C. The morning relative humidity recorded was 100 per cent and evening relative humidity was 100 per cent. The average wind speed recorded was 2 - 5 km per hour and the wind directions were from east south east direction.

### Weather forecast for next five days: (16.10.2024 to 20.10.2024)

Past Week Summary (10.10.2024 to 14.10.2024)					Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.10.2024				
Day-1 10/10	Day-1 11/10	Day-3 12/10	Day-4 13/10	Day-5 14/10		Date	Day-1 16/10	Day-2 17/10	Day-3 18/10	Day-4 19/10
0.0	6.9	0.0	14.9	5.3	<b>Rainfall</b>	47	42	22	10	17
31	33	33	33	32	<b>Max. Temp. (°C)</b>	27	25	24	23	22
25	25	26	25	23	<b>Mini. Temp. (°C)</b>	23	21	20	20	19
6	5	6	6	8	<b>Cloud cover (Octa)</b>	8	8	8	8	8
83	85	79	90	100	<b>RH morning (%)</b>	90	80	80	80	80
80	77	80	80	100	<b>RH evening (%)</b>	70	60	60	80	70
2	3	5	2	4	<b>Wind (kmph)</b>	14	18	18	14	14
North West	East South East	East South East	East South East	North West	<b>Wind Direction</b>	West North 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 moderate cloudy. Light to heavy rainfall expected on 16.10.2024 to 20.10.2024. Maximum temperature is expected to be around 22 - 27 °C. Minimum temperature is expected to be around 19 - 23 °C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 80 per cent. Average wind speed is expected to be around 14 - 18 km per hour and the wind directions will be from south south west direction.

### Agro Advisory

Crop	Stage	Advisory
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<b>General</b>		Farmers are advised to provide adequate drainage facilities to all crops due to light to heavy rainfall forecast.
		Deepen the drainage channel to ensure better drainage.
		Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage.
		Avoid application of fertilizers and insecticides to the crops.
		Keep the farm implements, machineries and batteries in uplands / store rooms, away from water contact.
<b>Rice</b>	<b>Main field</b>	Farmers are advised to provide adequate drainage facilities to rice main field and avoid applying fertilizers, herbicides, spraying of insecticides and fungicides due to light to heavy rainfall forecast.
<b>Rice</b>	<b>Nursery</b>	Due to light to heavy rainfall forecast, farmers are advised to provide adequate drainage facilities to rice nursery and avoid taking up of <i>Thaladi</i> sowing of rice crop.
<b>Banana</b>		Provide support with wooden poles to avoid lodging of trees due to rain and wind.
<b>Sugarcane</b>		To avoid lodging due to heavy rain, detrashing and propping of five month old sugarcane is recommended.
<b>Cattle</b>	<b>Cow and Goat</b>	Exposure of calves and kids to rain should be avoided to prevent from pneumonia attack in view of expected high rain.
		Avoid water stagnation in and around the cattle shed. Protect the feed material from direct rain. Animals should not be allowed to drink stagnant rainwater to avoid external parasites infestation.

### **SMS advisory**

Farmers are advised to provide adequate drainage facilities to all crops due to light to heavy rainfall forecast.

**Director,  
TRRI, Aduthurai**