



**Bulletin no: 104/2022**

**Date: 30.12.2022**

Weather Summary for the period since the issue of last bulletin no. 103 (27.12.2022) for Tamil Nadu: Nagapattinam district

Maximum temperature of 30 °C - 31 °C, minimum temperature of 24 °C- 25 °C, and isolated rainfall were recorded in Nagapattinam district.

**Weather Summary and forecast for Nagapattinam district**

Past week Summary 27.12.2022 to 29.12.2022			Parameters	Ensemble weather forecast valid until 08.30 hrs of 04.01.2023				
Day-1 27/12	Day-2 28/12	Day-3 29/12		Date	Day-1 31/12	Day-2 01/01	Day-3 02/01	Day-4 03/01
0.8	1.6	0	Rainfall (mm)	0	0	1	2	2
30	31	30	Max. Temp. (°C)	31	31	30	30	30
25	25	24	Min. Temp. (°C)	23	23	22	22	22
5	3	3	Cloud cover (Octa)	2	3	4	5	4
86-80	80-76	83-80	RH I-II (%)	90-60	90-60	90-60	90-60	80-60
7	5	2	Wind (kmph)	10	12	12	12	14
North East	North East	North East	Wind direction	East North East	North East	East North East	North East	North North East

**Weather forecast for next five days (31.12.2022 to 04.01.2023)**

According to district level forecast issued by India Meteorological Department for Nagapattinam district, the sky will be moderately cloudy. Rainfall is expected on 02.01.2023 to 04.01.2023. Maximum temperature is expected to be around 30 °C - 31 °C and minimum temperature is expected to be around 22 °C - 23 °C. Morning relative humidity is expected to be around 90 percent and evening relative humidity is expected to be around 60 percent. Average wind speed is expected to be around 10-14 km per hour the wind direction will be north east.

## Agro Advisory

Crop	Stage	Advisory
Rice	Main field	If leaf folder symptoms found (folded leaf, white scrape on leaf) apply Carbosulfan 6% G 16.7 kg/ha or Cartaphydrochloride 50 % SP 1000 g/ha as soil application or Beauveria bassiana 5 gram / 1 litter after rain cessation. Beauveria bassiana is available at Tamil Nadu Rice Research Institute – Aduthurai.
		The prevailing weather condition is favourable for gall midge infection. It leads to the formation of onion like leaf and prevents panicle formation. To control this apply chloripyriphos 20 EC 500 ml/ha or Beauveria bassiana 5 gram / 1 litter after rain cessation.
		Sheath blight is being noticed in the paddy field due to prevailing weather condition. To control this, spray carbendazim 200g/ac or propiconazole 200 ml/acre in 200 liter water after rain cessation.
Cattle	Cow and Goat	The prevailing night time temperature is favorable for pneumonia formation in cattle. To reduce the risk of pneumonia, cow, goat and calves shouldn't be left out in open condition during night. A suitable night time shelter with enough heating provision must be given.

### SMS advisory

Considering pest attack and symptoms, apply appropriate pesticide at standard rate.

**Director  
TRRI, Aduthurai**