



Bulletin no: 01/2023

Date: 03.01.2023

Weather Summary for the period since the issue of last bulletin no. 104 (30.12.2022) for Tamil Nadu: Nagapattinam district

Maximum temperature of 30 °C - 31 °C, minimum temperature of 22 °C- 24 °C were recorded in Nagapattinam district.

Weather Summary and forecast for Nagapattinam district

Past week Summary 30.12.2022 to 02.01.2023				Parameters	Ensemble weather forecast valid until 08.30 hrs of 08.01.2023				
Day-1 30/12	Day-2 31/12	Day-3 01/01	Day-4 02/01		Date	Day-1 04/01	Day-2 05/01	Day-3 06/01	Day-4 07/01
0	0	0	0	Rainfall (mm)	2	2	3	2	4
31	30	31	30	Max. Temp. (°C)	30	30	29	29	29
24	23	22	24	Min. Temp. (°C)	23	22	21	21	21
3	4	3	4	Cloud cover (Octa)	2	3	2	5	8
93-78	91-77	93-74	72-72	RH I-II (%)	80-70	80-60	80-70	80-70	80-70
5	5	4	4	Wind (kmph)	10	12	12	12	14
North North East	North East	North East	South West	Wind direction	East North East	East North East	East North East	North East	East North East

Weather forecast for next five days (04.01.2023 to 08.01.2023)

According to district level forecast issued by India Meteorological Department for Nagapattinam district, the sky will be moderately cloudy. Rainfall is expected on 04.01.2023 to 08.01.2023. Maximum temperature is expected to be around 29 °C - 30 °C and minimum temperature is expected to be around 21 °C - 23 °C. Morning relative humidity is expected to be around 80 percent and evening relative humidity is expected to be around 60-70 percent. Average wind speed is expected to be around 10-14 km per hour the wind direction will be east north east.

Agro Advisory

Crop	Stage	Advisory
Rice	Main field	The prevailing weather condition is favorable for, Brown plant leafhopper. To control this, apply Buprofezin 25% SC 300 ml or Imidacloprid 17.8 SL 40 ml or Fipronil 5 SC - 400 ml or Carbosulfan . 300 ml per acre.
		The prevailing weather condition is favorable 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 / litter.
		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.
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 / disease attack and symptoms, apply appropriate pesticide at standard rate.

**Director
TRRI, Aduthurai**