



Agromet Advisory Bulletin for the Nagapattinam District

(From 03rd December 2022 to 07th December 2022)

Issued jointly by Tamil Nadu Rice Research Institute -
Aduthurai and IMD



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Weather Summary for the period since the issue of last bulletin no. 95 (29.11.2022) for Tamil Nadu: Nagapattinam district

Maximum temperature of 30 °C - 31 °C, minimum temperature of 22 °C - 25 °C and isolated rainfall were recorded in Nagapattinam district.

Weather Summary and forecast for Nagapattinam district

Past week Summary 29.11.2022 to 01.12.2022			Parameters	Ensemble weather forecast valid until 08.30 hrs of 07.12.2022				
Day-1 29/11	Day-2 30/11	Day-3 01/12		Date	Day-1 03/12	Day-2 04/12	Day-3 05/12	Day-4 06/12
0	0	18.5	Rainfall (mm)	6	10	6	3	10
31	30	30	Max. Temp. (°C)	31	30	30	29	29
25	22	25	Min. Temp. (°C)	26	25	25	24	23
4	5	7	Cloud cover (Octa)	6	8	6	7	8
73-70	83-72	89-85	RH I-II (%)	90-70	90-70	90-70	90-70	90-70
4	7	3	Wind (kmph)	12	14	14	16	16
North East	North North East	North	Wind direction	East North East	East North East	East North East	North North East	North

Weather forecast for next five days (03.12.2022 to 07.12.2022)

According to district level forecast issued by India Meteorological Department for Nagapattinam district, the sky will be completely cloudy. Light rainfall is expected on 03.12.2022 to 07.12.2022. Maximum temperature is expected to be around 29 °C - 31 °C and minimum temperature is expected to be around 23 °C - 26 °C. Morning relative humidity is expected to be around 90 percent and evening relative humidity is expected to be around 70 percent. Average wind speed is expected to be around 12-16 km per hour and the wind direction will be east north east.

Agro Advisory

Crop	Stage	Advisory
General		Postpone/avoid irrigation to all crops depending upon rain condition.
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. 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.
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

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

Director
TRRI, Aduthurai