



Agromet Advisory Bulletin for the Nagapattinam District

(From 19th September 2023 to 23rd September 2023)

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. 74 (15.09.2023) for Tamil Nadu: Nagapattinam district

Maximum temperature of 35 - 37 °C, minimum temperature of 26 - 27 °C, isolated rainfall was recorded in Nagapattinam district.

Weather Summary and forecast for Nagapattinam district

Past week Summary 15.09.2023 to 17.09.2023			Parameters	Ensemble weather forecast valid until 08.30 hr of 23.09.2023				
Day-1 15/09	Day-2 16/09	Day-3 17/09		Date	Day-1 19/09	Day-2 20/09	Day-3 21/09	Day-4 22/09
3.8	0.0	6.6	Rainfall (mm)	22	8	15	18	14
37	35	35	Max. Temp. (°C)	34	33	33	33	32
26	27	27	Min. Temp. (°C)	25	24	24	24	23
5	5	7	Cloud cover	8	7	8	8	8
77-71	76-72	80-80	RH I-II (%)	90-70	80-70	80-60	80-60	90-60
12	9	9	Wind (kmph)	18	20	20	18	20
North West	South West	South	Wind direction	South South West	South South West	South South West	South South West	South South West

Weather forecast for next five days (19.09.2023 to 23.09.2023)

According to district level forecast issued by India Meteorological Department for Nagapattinam district, the sky will be moderately cloudy. Light rainfall is expected on 19.09.2023 to 23.09.2023. Maximum temperature is expected to be around 32 – 34 °C and minimum temperature is expected to be around 23 - 25 °C. Morning relative humidity is expected to be around 80 - 90 percent and evening relative humidity is expected to be around 60 - 70 percent. Average wind speed is expected to be around 18 – 20 km per hour. The wind direction will be south south west.

Agro Advisory

Crop	Stage	Advisory
Rice	Nursery	Prepare nursery for <i>Thaladi</i> rice cultivation by utilizing the expected rain.
		Spread rice straw over nursery bed to avoid scattering of sown seeds due to expected rain.
Cotton	Harvest	Considering expected rainfall, pick the matured cotton boles before rain.
Banana		Provide support with wooden poles to avoid lodging of tree due to rain and wind.
Cattle	Cow and Goat	This situation is favorable for the development of Aflatoxin infection in the Corn kernels and Paddy Straw, which may affect the health of the cattle. To save them from infection, dry the Corn kernels and Paddy Straw before feeding.

SMS advisory

Spread rice straw over nursery bed to avoid scattering of sown seeds due to expected rain.

**Director
TRRI, Aduthurai**