



Agromet Advisory Bulletin for the Nagapattinam District

(From 24th May 2023 to 28th May 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. 40 (19.05.2023) for Tamil Nadu: Nagapattinam district

Maximum temperature of 37 - 38 °C, minimum temperature of 28 °C, was recorded in Nagapattinam district.

Weather Summary and forecast for Nagapattinam district

Past week Summary 19.05.2023 to 22.05.2023				Parameters	Ensemble weather forecast valid until 08.30 hr of 28.05.2023				
Day-1 19/05	Day-2 20/05	Day-3 21/05	Day-4 22/05		Date	Day-1 24/05	Day-2 25/05	Day-3 26/05	Day-4 27/05
0	0	0	0	Rainfall (mm)	0	0	4	0	3
38	37	38	37	Max. Temp. (°C)	37	37	36	36	36
28	28	28	28	Min. Temp. (°C)	27	28	27	27	27
3	1	3	3	Cloud cover	2	2	4	4	5
78-70	75-71	74-72	76-70	RH I-II (%)	80-50	70-40	70-30	70-30	70-30
11	8	13	8	Wind (kmph)	10	12	12	10	12
South	South	South South East	South	Wind direction	South South West	South South West	South West	South South West	South South West

Weather forecast for next five days (24.05.2023 to 28.05.2023)

According to district level forecast issued by India Meteorological Department for Nagapattinam district, the sky will be slightly cloudy. Light drizzling is expected on 26.05.2023 and 28.05.2023. Maximum temperature is expected to be around 36 - 37 °C and minimum temperature is expected to be around 27 - 28 °C. Morning relative humidity is expected to be around 70 - 80 percent and evening relative humidity is expected to be around 30 - 50 percent. Average wind speed is expected to be around 10 - 12 km per hour. The wind direction will be south south west.

Agro Advisory

Crop	Stage	Advisory
General		Considering the dry climate, irrigate the crop abundantly.
Rice	Nursery	Rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 are suitable for kuruvai season.
Rice	Nursery	The seeds should be treated with carbendazim (2 g/kg of seeds) or Pseudomonas (10g/kg of seeds) before sowing.
Rice	Nursery	Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. 2
Coconut	All stages	Rugose Spiralling whitefly is noticed in the prevailed weather condition. Application of water, maida solution as spray in order to increase the population of Encarsia parasitic. Also keep yellow stick trap.
Cattle	Cow	As temperature is incensing, spread coconut leaves or paddy straws over the roof of the animal shed and spray cold water to reduce heat stress to the animals.
		When the air temperature is above 35 degrees Celsius the dairy cattle tend to drink more water thereby decreasing the Dry Matter Intake (DMI). Hence to overcome this succulent protein rich green fodder mixed with green fodder may be provided to livestock.

SMS advisory

Considering the dry climate, irrigate the crop abundantly.

**Director
TRRI, Aduthurai**