



Agromet Advisory Bulletin for the Nagapattinam District

(From 23rd August 2023 to 27th August 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. 66 (18.08.2023) for Tamil Nadu: Nagapattinam district

Maximum temperature of 36 - 37 °C, minimum temperature of 26 - 27 °C, was recorded in Nagapattinam district.

Weather Summary and forecast for Nagapattinam district

| Past week Summary 18.08.2023 to 21.08.2023 | | | | Parameters | Ensemble weather forecast valid until 08.30 hr of 27.08.2023 | | | | |
|---|----------------|----------------|----------------|------------------------|---|------------------|------------------|------------------|------------------|
| Day-1 18/08 | Day-2 19/08 | Day-3 20/08 | Day-4 21/08 | | Date | Day-1 23/08 | Day-2 24/08 | Day-3 25/08 | Day-4 26/08 |
| 0 | 0 | 0 | 0 | Rainfall (mm) | 5 | 4 | 0 | 0 | 2 |
| 36 | 37 | 37 | 37 | Max. Temp. (°C) | 35 | 34 | 34 | 34 | 34 |
| 27 | 26 | 27 | 27 | Min. Temp. (°C) | 28 | 27 | 27 | 27 | 27 |
| 4 | 4 | 3 | 4 | Cloud cover | 7 | 7 | 5 | 4 | 6 |
| 78-78 | 79-78 | 60-86 | 78-76 | RH I-II (%) | 80-50 | 80-60 | 80-60 | 80-60 | 80-60 |
| 11 | 8 | 7 | 3 | Wind (kmph) | 18 | 18 | 20 | 20 | 20 |
| West | South West | South East | South East | Wind direction | South South West | South South West | South South West | South South West | South South West |

Weather forecast for next five days (23.08.2023 to 27.08.2023)

According to district level forecast issued by India Meteorological Department for Nagapattinam district, the sky will be clear. Light rainfall is expected on 23.08.2023, 24.08.2023 and 27.08.2023. Maximum temperature is expected to be around 34 - 35 °C and minimum temperature is expected to be around 27 - 28 °C. Morning relative humidity is expected to be around 80 percent and evening relative humidity is expected to be around 50 -60 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 |
|---------|---------------|--|
| General | | Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI). |
| Rice | Harvest | Harvest the matured <i>kuruvai</i> paddy before the expected rain |
| | Harvest | Protect the harvested paddy from rain. |
| | Nursery | Considering favourable weather, prepare nursery for samba crop and make sowing. |
| | Main field | By utilizing weather condition land can be prepared for samba rice cultivation. |
| Coconut | Bearing Stage | To reduce the button shedding under this weather condition, feed the roots with 200 ml of coconut tonic per palm. |
| Cattle | Cow | Since the onset of rainy season may attract mosquitoes breeding, farmers are advised to give Notchi leaves fumigation in dairy barn. Insect population has detrimental effect on milk quality. |

SMS advisory

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**Director
TRRI, Aduthurai**