



Agromet Advisory Bulletin for the Ariyalur District
(From 27th December 2023 to 31st December 2023)
Issued jointly by Tamil Nadu Rice Research Institute -
Aduthurai and IMD



Bulletin no: 103/2023

Date: 26.12.2023

Weather Summary for the period since the issue of last bulletin no. 102 (22.12.2023) for Tamil Nadu: Ariyalur district

Maximum temperature of 28 - 31 °C, minimum temperature of 21 - 23 °C, isolated rainfall was recorded in Ariyalur district.

Weather Summary and forecast for Ariyalur district

Past week Summary 22.12.2023 to 25.12.2023				Parameters	Ensemble weather forecast valid until 08.30 hr of 31.12.2023				
Day-1 22/12	Day-2 23/12	Day-3 24/12	Day-4 25/12	Date	Day-1 27/12	Day-2 28/12	Day-3 29/12	Day-4 30/12	Day-5 31/12
0.6	0.0	0.0	3.3	Rainfall (mm)	0	1	3	3	0
28	31	31	30	Max. Temp. (°C)	30	31	30	29	29
22	21	22	23	Min. Temp. (°C)	23	22	22	22	21
5	5	7	6	Cloud cover (Octa)	4	7	8	8	6
79-62	72-54	75-77	87-75	RH I-II (%)	90-60	80-70	90-70	90-60	80-60
11	13	11	10	Wind (kmph)	16	16	16	20	18
East North East	East North East	North East	East	Wind direction	North North East	North North East	North North East	North North East	North North East

Weather forecast for next five days (27.12.2023 to 31.12.2023)

According to district level forecast issued by India Meteorological Department for Ariyalur district, the sky will be moderate cloudy. Light rainfall is expected on 28.12.2023 to 30.12.2023. Maximum temperature is expected to be around 29 - 31 °C and minimum temperature is expected to be around 21 - 23 °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 16 - 20 km per hour. The wind direction will be north east.

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	Main field	The prevailing weather condition favors leaf folder incidence. If leaf folder symptoms found (folded leaf, white scrape on leaf) spray Cartap hydrochloride 50 % SP @ 400 g/acre or Flubendiamide 20% WG 50 g/acre in 200 liter of water after rain.
Banana		Provide support with wooden poles to avoid lodging of tree due to wind.
Cattle	Cow	Due to cool night temperature, the livestock particularly the young ones should be kept under shelter with heating equipments to prevent the incidence of pneumonia.

SMS advisory

Provide support with wooden poles to avoid lodging of tree due to wind.

**Director
TRRI, Aduthurai**