



Agromet Advisory Bulletin for the Ariyalur District
(From 03rd January 2024 to 07th January 2024)
Issued jointly by Tamil Nadu Rice Research Institute -
Aduthurai and IMD



Bulletin no: 01/2024

Date: 02.01.2024

Weather Summary for the period since the issue of last bulletin no. 104 (29.12.2023) for Tamil Nadu: Ariyalur district

Maximum temperature of 31 - 32 °C, minimum temperature of 22 - 23 °C, isolated rainfall was recorded in Ariyalur district.

Weather Summary and forecast for Ariyalur district

Past week Summary 29.12.2023 to 01.01.2024				Parameters	Ensemble weather forecast valid until 08.30 hr of 07.01.2024				
Day-1 29/12	Day-2 30/12	Day-3 31/12	Day-4 01/01		Date	Day-1 03/01	Day-2 04/01	Day-3 05/01	Day-4 06/01
0.9	0.3	0.0	0.0	Rainfall (mm)	2	2	2	2	9
31	31	31	32	Max. Temp. (°C)	32	33	33	33	32
23	23	22	22	Min. Temp. (°C)	22	21	22	22	21
7	6	5	5	Cloud cover (Octa)	4	5	3	4	8
85-72	86-68	86-66	87-60	RH I-II (%)	90-60	90-60	90-60	90-60	90-70
24	18	19	13	Wind (kmph)	14	14	14	16	14
East North East	East North East	East North East	East	Wind direction	North East	North East	North East	North North East	North North East

Weather forecast for next five days (03.01.2024 to 07.01.2024)

According to district level forecast issued by India Meteorological Department for Ariyalur district, the sky will be moderate cloudy. Light drizzling is expected on 03.01.2024 to 07.01.2024. Maximum temperature is expected to be around 32 – 33 °C and minimum temperature is expected to be around 21 - 22 °C. Morning relative humidity is expected to be around 90 percent and evening relative humidity is expected to be around 60 - 70 percent. Average wind speed is expected to be around 14 – 16 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 for Brown Plant Hopper incidence. To control this, Chlorantraniliprole 18.5% SC 60 g/ac or Clothianidin 50% WG 8-9.6 g/ac in 200 liter of water.		
Sheath blight is being noticed in the paddy field due to prevailing weather condition. To control this, spray carbendazim 200g/ac or propiconazole 200 ml/acre in 200 liter water.		
Cattle	Cow	Due to cool night temperature, the livestock particularly the young ones should be kept under shelter with heating arrangements to prevent the incidence of pneumonia.

SMS advisory

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**Director
TRRI, Aduthurai**