



Agromet Advisory Bulletin for the Ariyalur District

(From 10th August 2024 to 14th August 2024)

Issued jointly by Tamil Nadu Rice Research Institute -
Aduthurai and IMD



Bulletin no: 38/2024

Date: 09.08.2024

Weather Summary for the period since the issue of last bulletin no. 37 (06.08.2024) for Tamil Nadu: Ariyalur district

Maximum temperature of 35 - 37 °C, minimum temperature of 25 °C, and isolated rainfall was recorded in Ariyalur district.

Weather forecast for next five days (07.08.2024 to 11.08.2024)

Past week Summary 06.08.2024 to 08.08.2024			Parameters	Ensemble weather forecast valid until 08.30 hr of 14.08.2024				
Day-1 06/08	Day-2 07/08	Day-3 08/08		Date	Day-1 10/08	Day-2 11/08	Day-3 12/08	Day-4 13/08
2.5	31.7	7.2	Rainfall (mm)	4	5	5	22	5
35	37	36	Max. Temp. (°C)	36	36	35	34	33
25	25	25	Min. Temp. (°C)	25	25	24	23	22
6	7	7	Cloud cover (Octa)	8	8	8	8	6
80-60	81-54	78-64	RH I-II (%)	70-40	70-40	70-40	80-50	80-40
17	12	13	Wind (kmph)	14	14	12	12	14
North North West	North West	East	Wind direction	South West	South South West	South	South West	South

Weather Summary and forecast for Ariyalur district

According to district level forecast issued by India Meteorological Department for Ariyalur district, the sky will be moderately cloudy. Light to moderate rainfall expected on 10.08.2024 to 14.08.2024. Maximum temperature is expected to be around 33 - 36 °C and minimum temperature is expected to be around 22 - 25 °C. Morning relative humidity is expected to be around 70 - 80 percent and evening relative humidity is expected to be around 40 - 50 percent. Average wind speed is expected to be around 12 - 14 km per hour. The wind direction will be south west.

Agro Advisory

Crop	Stage	Advisory
General		Farmers are advised to provide adequate drainage facilities to all crops due to light to moderate rainfall forecast.

		Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage.
		Avoid application of fertilizers and insecticides to the crops.
Cotton	Harvest	Pick the matured cotton boles before rain.
Banana		Provide support with wooden poles to avoid lodging of tree due to rain and wind.
Sugarcane		To avoid lodging due to heavy rain, detrashing and propping of five month old sugarcane is recommended.
Cattle	Cow and Goat	Exposure of calves and kids to rain should be avoided to prevent from pneumonia attack in view of expected high rain.

SMS advisory

Farmers are advised to provide adequate drainage facilities to all crops due to light to moderate rainfall forecast.

**Director
TRRI, Aduthurai**