



Tamil Nadu Rice Research Institute - Aduthurai

&

India Meteorological Department

Agromet Advisory Bulletin for the **Ariyalur** District

Bulletin No.57/2024 Issued on **15.10.2024**

(From 16th October 2024 to 20th October 2024)

Issued jointly by **TRRI, Aduthurai and IMD**



Ariyalur District Past Weather

In Ariyalur district, during 10.10.2024 to 14.10.2024 the Maximum temperature was recorded 32 °C - 34 °C the minimum temperature was 23 - 25 °C. The morning relative humidity recorded was 96 per cent and evening relative humidity was 95 per cent. The average wind speed recorded was 6 - 12 km per hour and the wind directions were from north north east direction.

Weather forecast for next five days: (16.10.2024 to 20.10.2024)

Past Week Summary (10.10.2024 to 14.10.2024)					Parameters	Ensemble weather forecast valid until 08.30 hrs of 20.10.2024				
Day-1 10/10	Day-1 11/10	Day-3 12/10	Day-4 13/10	Day-5 14/10		Date	Day-1 16/10	Day-2 17/10	Day-3 18/10	Day-4 19/10
1.9	1.2	0.6	29.7	4.0	Rainfall	37	48	24	4	6
33	34	33	32	32	Max. Temp. (°C)	28	26	25	24	23
25	25	24	23	24	Mini. Temp. (°C)	23	22	21	21	20
7	6	7	8	8	Cloud cover (Octa)	8	8	8	8	8
90	89	95	92	96	RH morning (%)	90	90	80	80	90
95	73	81	93	95	RH evening (%)	80	50	50	60	60
10	6	17	6	12	Wind (kmph)	10	12	12	8	10
East	East South East	North North East	North North East	West North West	Wind Direction	West	South West	South West	South	South

Weather Summary for Ariyalur district

According to district forecast issued by the India Meteorological Department for Ariyalur district, sky will be moderately cloudy. Light to heavy rainfall expected on 16.10.2024 to 20.10.2024. Maximum temperature is expected to be around 23 - 28 °C. Minimum temperature is expected to be around 20 - 23 °C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 80 per cent. Average wind speed is expected to be around 8 - 12 km per hour and the wind directions will be from south west direction.

Agro Advisory

Crop	Stage	Advisory
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General		Farmers are advised to provide adequate drainage facilities to all crops due to light to heavy rainfall forecast.
		Deepen the drainage channel to ensure better drainage.
		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.
		Keep the farm implements, machineries and batteries in uplands / store rooms, away from water contact.
Rice	Main field	Farmers are advised to provide adequate drainage facilities to rice main field and avoid applying fertilizers, herbicides, spraying of insecticides and fungicides due to light to heavy rainfall forecast.
Rice	Nursery	Due to light to heavy rainfall forecast, farmers are advised to provide adequate drainage facilities to rice nursery and avoid taking up of <i>Thaladi</i> sowing of rice crop.
Banana		Provide support with wooden poles to avoid lodging of trees 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.
		Avoid water stagnation in and around the cattle shed. Protect the feed material from direct rain. Animals should not be allowed to drink stagnant rainwater to avoid external parasites infestation.

SMS advisory

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

**Director,
TRRI, Aduthurai**