



Agromet Advisory Bulletin for the Ariyalur District

(From 04th October 2023 to 08th October 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. 78 (29.09.2023) for Tamil Nadu: Ariyalur district

Maximum temperature of 33 - 35 °C, minimum temperature of 24 - 26 °C, isolated rainfall was recorded in Ariyalur district.

Weather Summary and forecast for Ariyalur district

Past week Summary 29.09.2023 to 02.10.2023				Parameters	Ensemble weather forecast valid until 08.30 hr of 08.10.2023				
Day-1 29/09	Day-2 30/09	Day-3 01/10	Day-4 02/10		Date	Day-1 04/10	Day-2 05/10	Day-3 06/10	Day-4 07/10
0.7	0.0	1.4	0.0	Rainfall (mm)	0	0	0	0	0
35	33	35	34	Max. Temp. (°C)	35	36	36	36	37
24	26	25	26	Min. Temp. (°C)	26	26	26	26	27
7	6	6	6	Cloud cover (Octa)	3	3	6	5	0
77-61	74-94	83-60	74-59	RH I-II (%)	70-30	60-30	60-30	60-30	60-30
10	7	11	7	Wind (kmph)	16	12	12	12	14
West south West	West south West	South South West	South South West	Wind direction	South South West	South South West	South South West	South South West	South

Weather forecast for next five days (04.10.2023 to 08.10.2023)

According to district level forecast issued by India Meteorological Department for Ariyalur district, the sky will be clear. No rainfall expected coming five days. Maximum temperature is expected to be around 35 - 37 °C and minimum temperature is expected to be around 26 - 27 °C. Morning relative humidity is expected to be around 60 - 70 percent and evening relative humidity is expected to be around 30 percent. Average wind speed is expected to be around 12 - 16 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	Main field	By utilizing dry weather, fertilizers and pesticides can be applied. Apply 32.6 kg Urea and 8.4 kg of MOP should be applied after 35 days after transplanting for 1 acre rice field. The prevailing weather condition favors Thrips infestation. To control the Thrips damage in transplanted rice, apply Thiamethxam 25WG @ 40g/ acre.
cotton		Due to prevailing weather condition there are chances of cotton green leaf hopper infestation. To control spray thiamethxam 25 WG 0.6 gram/litre or imidacloprid 17.8 SL 0.6 ml/litre
Cattle	Cow	Before monsoon ensure that cows and buffaloes were vaccinated against food and mouth disease.

SMS advisory

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**Director
TRRI, Aduthurai**