



Agromet Advisory Bulletin for the Ariyalur District

(From 05th August 2023 to 09th August 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. 61 (01.08.2023) for Tamil Nadu: Ariyalur district

Maximum temperature of 37 - 38 °C, minimum temperature of 27 - 28 °C, was recorded in Ariyalur district.

Weather Summary and forecast for Ariyalur district

Past week Summary 01.08.2023 to 03.08.2023			Parameters	Ensemble weather forecast valid until 08.30 hr of 09.08.2023				
Day-1 01/08	Day-2 02/08	Day-3 03/08		Date	Day-1 05/08	Day-2 06/08	Day-3 07/08	Day-4 08/08
0	0	0	Rainfall (mm)	1	0	2	2	0
38	37	38	Max. Temp. (°C)	39	38	38	37	37
28	28	27	Min. Temp. (°C)	27	26	26	25	26
6	5	4	Cloud cover	7	6	8	7	8
61-37	59-31	58-34	RH I-II (%)	60-30	70-30	70-30	60-30	70-30
28	28	22	Wind (kmph)	14	16	14	10	12
West	West	West South West	Wind direction	West	West South West	West South West	West	West South West

Weather forecast for next five days (05.08.2023 to 09.08.2023)

According to district level forecast issued by India Meteorological Department for Ariyalur district, the sky will be clear. Light rainfall is expected on 05.08.2023, 07.08.2023 and 08.08.2023. Maximum temperature is expected to be around 37 - 39 °C and minimum temperature is expected to be around 25 - 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 10 - 16 km per hour. The wind direction will be 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	Harvest	By utilizing dry weather condition harvest the matured paddy.
	Main field	By utilizing dry weather condition Land preparation for samba rice cultivation before rain.
	Nursery	Dry seeding of long duration rice varieties viz., ADT 50, ADT 51 and CR 1009 may be done considering the expected rainfall.
cotton		Due to prevailing weather the white fly infestation may occur in cotton. To control white fly in cotton, Spray profenophos 50% EC 1000ml/ha.
Cattle	Cow	Before and after milking, clean the udder using potassium permanganate solution to avoid mastitis disease

SMS advisory

By utilizing dry weather condition harvest the matured paddy.

**Director
TRRI, Aduthurai**