



# Agromet Advisory Bulletin for the Ariyalur District

(From 22<sup>nd</sup> July 2023 to 26<sup>th</sup> July 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. 57 (18.07.2023) for Tamil Nadu: Ariyalur district

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

### Weather Summary and forecast for Ariyalur district

Past week Summary 18.07.2023 to 20.07.2023			Parameters	Ensemble weather forecast valid until 08.30 hr of 26.07.2023				
Day-1 18/07	Day-2 19/07	Day-3 20/07		Date	Day-1 22/07	Day-2 23/07	Day-3 24/07	Day-4 25/07
0.5	0	0	<b>Rainfall (mm)</b>	0	0	4	3	2
37	38	37	<b>Max. Temp. (°C)</b>	37	37	36	34	34
27	28	28	<b>Min. Temp. (°C)</b>	27	27	26	25	25
5	6	6	<b>Cloud cover (Octa)</b>	4	4	5	6	5
60-34	55-37	55-37	<b>RH I-II (%)</b>	65-45	65-45	70-50	75-60	70-60
31	24	35	<b>Wind (kmph)</b>	14	14	14	12	12
West South West	West	West	<b>Wind direction</b>	West South West	West South West	West South West	West South West	West South West

### Weather forecast for next five days (22.07.2023 to 26.07.2023)

According to district level forecast issued by India Meteorological Department for Ariyalur district, the sky will be moderately cloudy. Light rainfall is expected on 24.07.2023 to 26.07.2023. Maximum temperature is expected to be around 34 - 37 °C and minimum temperature is expected to be around 25 - 27 °C. Morning relative humidity is expected to be around 65 - 70 percent and evening relative humidity is expected to be around 45 - 60 percent. Average wind speed is expected to be around 12 - 14 km per hour. The wind direction will be west south west.

## Agro Advisory

Crop	Stage	Advisory
General		Owing to moderate wind, more moisture loss will be expected and hence, more irrigation should be given.
Rice	Main field	The prevailing weather condition favours the stem borer incidence in paddy. Place pheromone traps @ 4 / ac to control stem borer population. Also to control this, spray profenophos at 400 ml/acre.(or) Apply Cartarp hydrochloride 4 G @ 6 kg/ac for effective control of stemborer.
Coconut		To reduce the button shedding under this weather condition, feed the roots with 200 ml of coconut tonic per palm.
Cattle	Cow	Present weather is conducive for the initiation of foot and mouth disease in dairy animals and cattle. All farmers must vaccinate the animals to control the disease.

### SMS advisory

Irrigate crop abundantly at short interval to avoid moisture loss due to wind.

**Director**  
**TRRI, Aduthurai**