



## Agromet Advisory Bulletin for the Ariyalur District

(From 10<sup>th</sup> July 2024 to 14<sup>th</sup> July 2024)

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



**Bulletin no: 29/2024**

**Date: 09.07.2024**

Weather Summary for the period since the issue of last bulletin no. 28 (05.07.2024) for Tamil Nadu: Ariyalur district

Maximum temperature of 36 - 39 °C, minimum temperature of 27 - 28 °C, and isolated rainfall was recorded in Ariyalur district.

### Weather forecast for next five days (10.07.2024 to 14.07.2024)

Past week Summary 05.07.2024 to 08.07.2024				Parameters	Ensemble weather forecast valid until 08.30 hr of 14.07.2024				
Day-1 05/07	Day-2 06/07	Day-3 07/07	Day-4 08/07		Date	Day-1 10/07	Day-2 11/07	Day-3 12/07	Day-4 13/07
0.0	0.5	0.0	0.0	Rainfall (mm)	0	0	0	6	4
37	39	36	36	Max. Temp. (°C)	35	36	37	36	35
27	28	27	27	Min. Temp. (°C)	26	26	27	26	26
6	6	6	7	Cloud cover	7	6	5	8	8
67-57	60-52	69-50	70-47	RH I-II (%)	60-30	60-30	70-30	80-50	70-40
20	22	24	25	Wind (kmph)	18	16	12	14	18
South South West	West	West	West	Wind direction	South South West	West South West	West	South South West	South West

### Weather Summary and forecast for Ariyalur district

According to district level forecast issued by India Meteorological Department for Ariyalur district, the sky will be clear. Light drizzling expected on 13. 07.2024 and 14.07.2024. 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 - 80 percent and evening relative humidity is expected to be around 30 - 50 percent. Average wind speed is expected to be around 12 - 18 km per hour. The wind direction will be south south west.

### Agro Advisory

Crop	Stage	Advisory
General		Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage.

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.
		The prevailing weather condition is conducive for stem borer infection. To control this apply Chlorpyriphos 20 EC 500 ml/ acre or Profenophos 50 EC 400 ml/ acre.
		For Kuruvai paddy, apply 35 kg urea and 10 kg MOP/acre as 2nd split dose at 40 days after planting.
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**

Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage.

**Director  
TRRI, Aduthurai**