



## Agromet Advisory Bulletin for the **Ariyalur** District

(From 20<sup>th</sup> July 2024 to 24<sup>th</sup> July 2024)

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



**Bulletin no: 32/2024**

**Date: 19.07.2024**

Weather Summary for the period since the issue of last bulletin no. 31 (16.07.2024) for Tamil Nadu: Ariyalur district

Maximum temperature of 31 - 35 °C, minimum temperature of 26 - 27 °C, and isolated rainfall was recorded in Ariyalur district.

### **Weather forecast for next five days (20.07.2024 to 24.07.2024)**

Past week Summary 16.07.2024 to 18.07.2024			Parameters	Ensemble weather forecast valid until 08.30 hr of 24.07.2024				
Day-1 16/07	Day-2 17/07	Day-3 18/07		Date	Day-1 20/07	Day-2 21/07	Day-3 22/07	Day-4 23/07
0.9	0.5	0.0	Rainfall (mm)	8	0	0	0	0
33	31	35	Max. Temp. (°C)	33	33	34	35	35
25	27	26	Min. Temp. (°C)	26	26	27	27	27
7	8	7	Cloud cover (Octa)	7	7	6	6	6
63-58	71- 56	83-61	RH I-II (%)	75-62	75-62	70-58	70-58	70-58
25	28	34	Wind (kmph)	20	22	20	15	15
West	West	West	Wind direction	West	West	West	West	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 20.07.2024. Maximum temperature is expected to be around 33 – 35 °C and minimum temperature is expected to be around 26 - 27 °C. Morning relative humidity is expected to be around 70 - 75 percent and evening relative humidity is expected to be around 58 - 62 percent. Average wind speed is expected to be around 15 - 22 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).

		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.
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**