



Agromet Advisory Bulletin for the Ariyalur District
(From 01st November 2023 to 05th November 2023)
Issued jointly by Tamil Nadu Rice Research Institute -
Aduthurai and IMD



Bulletin no: 87/2023

Date: 31.10.2023

Weather Summary for the period since the issue of last bulletin no. 86 (27.10.2023) for Tamil Nadu: Ariyalur district

Maximum temperature of 31 - 34 °C, minimum temperature of 23 - 25 °C, isolated rainfall was recorded in Ariyalur district.

Weather Summary and forecast for Ariyalur district

Past week Summary 27.10.2023 to 30.10.2023				Parameters	Ensemble weather forecast valid until 08.30 hr of 05.11.2023				
Day-1 27/10	Day-2 28/10	Day-3 29/10	Day-4 30/10		Date	Day-1 01/11	Day-2 02/11	Day-3 03/11	Day-4 04/11
0.0	0.0	1.4	11.7	Rainfall (mm)	18	22	20	12	30
33	33	34	31	Max. Temp. (°C)	31	31	31	30	30
25	24	25	23	Min. Temp. (°C)	24	24	24	23	23
6	5	6	6	Cloud cover	8	8	8	6	6
79-59	74-69	86-63	83-75	RH I-II (%)	88-74	88-74	88-74	86-72	86-72
12	8	7	8	Wind (kmph)	8	8	8	7	7
East North East	East	North North West	North East	Wind direction	North East	North East	North East	East North East	East North East

Weather forecast for next five days (01.11.2023 to 05.11.2023)

According to district level forecast issued by India Meteorological Department for Ariyalur district, the sky will be moderate cloudy. Light to moderate rainfall is expected on 01.11.2023 to 05.11.2023. Maximum temperature is expected to be around 30 - 31 °C and minimum temperature is expected to be around 23 - 24 °C. Morning relative humidity is expected to be around 86 - 88 percent and evening relative humidity is expected to be around 72 - 74 percent. Average wind speed is expected to be around 7 - 8 km per hour. The wind direction will be north east.

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).
		Deepen the drainage channel and link with farm ponds towards rain water harvesting.
		Considering expected rainfall, application of fertilizers and insecticides to the crops can be postponed.
Rice	Main field	Due to light rainfall forecast irrigation to can be avoid / postpone.
Rice	Main field	The prevailing weather condition favours the stem borer incidence in paddy. After rain cessation, 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.
Banana	Vegetative	The prevailing weather condition favours wilt disease. To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 1 kg/acre by mixing with 250 kg FYM
Cattle	dairy cattle	To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.

SMS advisory

Deepen the drainage channel and link with farm ponds towards rain water harvesting.

**Director
TRRI, Aduthurai**