



Agromet Advisory Bulletin for the Ariyalur District

(From 17th June 2023 to 21st June 2023)

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



Bulletin no: 48/2023

Date: 16.06.2023

Weather Summary for the period since the issue of last bulletin no. 47 (13.06.2023) for Tamil Nadu: Ariyalur district

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

Weather Summary and forecast for Ariyalur district

Past week Summary 13.06.2023 to 15.06.2023			Parameters	Ensemble weather forecast valid until 08.30 hr of 21.06.2023				
Day-1 13/06	Day-2 14/06	Day-3 15/06		Date	Day-1 17/06	Day-2 18/06	Day-3 19/06	Day-4 20/06
4.3	0.2	0	Rainfall (mm)	4	4	22	5	0
39	39	39	Max. Temp. (°C)	39	38	38	37	37
27	27	28	Min. Temp. (°C)	29	28	28	27	27
6	5	5	Cloud cover (Octa)	5	8	8	8	5
62-49	60-36	61-34	RH I-II (%)	60-30	70-30	90-50	90-70	70-50
19	25	23	Wind (kmph)	14	14	14	16	12
South West	West	West North West	Wind direction	South West	South West	West South West	South West	West South West

Weather forecast for next five days (17.06.2023 to 21.06.2023)

According to district level forecast issued by India Meteorological Department for Ariyalur district, the sky will be moderately cloudy. Light to moderate rainfall is expected on 17.06.2023 to 21.06.2023. Maximum temperature is expected to be around 37 – 39 °C and minimum temperature is expected to be around 27 - 29 °C. Morning relative humidity is expected to be around 60 - 90 percent and evening relative humidity is expected to be around 30 - 50 percent. Average wind speed is expected to be around 12 - 16 km per hour. The wind direction will be south west.

Agro Advisory

Crop	Stage	Advisory
General		Considering expected rain, postpone/avoid chemical application / Spray.
Rice	Main field	After rain cessation, apply butachlor at 1.0 lit/ac or anilophos 500 ml/ac mixed with 20 kg sand and broadcast uniformly to control weeds.
Rice	Main field	Leaf mite incidence is being noticed in the kuruvai paddy fields due to prevailing weather condition. Spray Dicofol @ 2.5 ml/ liter or fenazaquin 10 EC 2 ml/ liter, to control this pest after rain cessation.
Cotton	Vegetative	Due to prevailing weather condition favor cotton mealy bug. In order to control this, spray dimethoate or profenophos @ 2ml / lit. Wherever necessary use botanical insecticides like neem derivatives such as neem oil 2% NSKE 5% and Fish oil rosin soap 25g/litre of water after rain cessation.
Banana		Provide support with wooden poles to avoid lodging of tree due to rain and wind.
Cattle	Cow	Ensure vaccination of cows and buffalos against foot and mouth disease before monsoon.

SMS advisory

Due to prevailing weather condition favor cotton mealy bug. In order to control this, spray dimethoate or profenophos @ 2ml / lit.

**Director
TRRI, Aduthurai**