



Agromet Advisory Bulletin for the Ariyalur District

(From 20th May 2023 to 24th May 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. 39 (16.05.2023) for Tamil Nadu: Ariyalur district

Maximum temperature of 39 - 40 °C, minimum temperature of 28 °C, was recorded in Ariyalur district.

Weather Summary and forecast for Ariyalur district

Past week Summary 16.05.2023 to 18.05.2023			Parameters	Ensemble weather forecast valid until 08.30 hr of 24.05.2023				
Day-1 16/05	Day-2 17/05	Day-3 18/05		Date	Day-1 20/05	Day-2 21/05	Day-3 22/05	Day-4 23/05
0	0	0	Rainfall (mm)	0	0	0	0	0
40	40	39	Max. Temp. (°C)	39	40	40	39	39
28	28	28	Min. Temp. (°C)	28	28	28	28	28
4	5	5	Cloud cover	2	2	4	3	3
75-36	73-48	78-44	RH I-II (%)	65-45	65-45	65-45	65-45	65-45
11	11	8	Wind (kmph)	6	6	6	8	8
West North West	South South East	South South East	Wind direction	South	South	South	South South West	South South West

Weather forecast for next five days (20.05.2023 to 24.05.2023)

According to district level forecast issued by India Meteorological Department for Ariyalur district, the sky will be clear. No rainfall is expected coming five days. Maximum temperature is expected to be around 39 – 40 °C and minimum temperature is expected to be around 28 °C. Morning relative humidity is expected to be around 65 percent and evening relative humidity is expected to be around 45 percent. Average wind speed is expected to be around 6 - 8 km per hour. The wind direction will be south.

Agro Advisory

Crop	Stage	Advisory
General		Considering the dry climate, irrigate the crop abundantly.
Rice	Nursery	Rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 are suitable for kuruvai season.
Rice	Nursery	The seeds should be treated with carbendazim (2 g/kg of seeds) or Pseudomonas (10g/kg of seeds) before sowing.
Rice	Nursery	Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. 2
Coconut	All stages	Rugose Spiralling whitefly is noticed in the prevailed weather condition. Application of water, maida solution as spray in order to increase the population of Encarsia parasitic. Also keep yellow stick trap.
Cattle	Cow	As temperature is incensing, spread coconut leaves or paddy straws over the roof of the animal shed and spray cold water to reduce heat stress to the animals.
		When the air temperature is above 35 degrees Celsius the dairy cattle tend to drink more water thereby decreasing the Dry Matter Intake (DMI). Hence to overcome this succulent protein rich green fodder mixed with green fodder may be provided to livestock.

SMS advisory

Considering the dry climate, irrigate the crop abundantly.

**Director
TRRI, Aduthurai**