



## Tamil Nadu Rice Research Institute - Aduthurai

&

India Meteorological Department  
Agromet Advisory Bulletin for the **Ariyalur District**  
Bulletin No.80/2024 Issued on **31.12.2024**  
(From **01<sup>st</sup> January 2024 to 05<sup>th</sup> January 2024**)  
Issued jointly by **TRRI, Aduthurai and IMD**



### Ariyalur District Past Weather

In Ariyalur district, during 27.12.2024 to 30.12.2024 the Maximum temperature was recorded 30 - 31 °C the minimum temperature was 22 - 24 °C. The morning relative humidity recorded was 95 per cent and evening relative humidity was 76 per cent. The average wind speed recorded was 9 - 13 km per hour and the wind directions were from north east direction.

### Weather forecast for next five days: (01.01.2025 to 05.01.2025)

Past Week Summary (27.12.2024 to 30.12.2024)				Parameters	Ensemble weather forecast valid until 08.30 hrs of 05.01.2025				
Day-1 27/12	Day-2 28/12	Day-3 29/12	Day-3 30/12	Date	Day-1 01/01	Day-2 02/01	Day-3 03/01	Day-4 04/01	Day-5 05/01
1.4	5.9	0.3	3.4	<b>Rainfall. (mm)</b>	4	3	2	0	2
30	31	31	31	<b>Max. Temp. (°C)</b>	29	29	29	30	30
24	23	22	23	<b>Mini. Temp. (°C)</b>	24	24	24	25	25
6	7	6	6	<b>Cloud cover (Octa)</b>	6	6	6	5	5
87	95	88	93	<b>RH morning (%)</b>	85	85	85	80	80
81	76	83	76	<b>RH evening (%)</b>	75	75	75	70	70
13	9	10	14	<b>Wind (kmph)</b>	10	10	12	12	10
North East	East North East	North East	North East	<b>Wind Direction</b>	North East	North East	North East	East North East	East North East

### Weather Summary for Ariyalur district

According to district forecast issued by the India Meteorological Department for Ariyalur district, sky will be cloudy. Light rainfall expected on 01.01.2025, 02.01.2025, 03.01.2025 to 05.01.2025. Maximum temperature is expected to be around 29 - 30 °C. Minimum temperature is expected to be around 24 - 25 °C. Morning relative humidity is expected to be around 85 per cent and evening relative humidity is expected to be around 75 per cent. Average wind speed is expected to be around 10 - 12 km per hour and the wind directions will be from north east direction.

### Agro Advisory

<b>General</b>		Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage.
<b>Rice</b>		The prevailing weather condition is favourable for gall midge infection. It leads to the formation of onion like leaf and prevents panicle formation. To control this apply chloripyriphos 20 EC 500 ml/ha or Beauveria bassiana 5 gram / 1 litter after rain cessation.
		If leaf folder symptoms found (folded leaf, white scrape on leaf) avoid excessive nitrogenous fertilizers, remove weeds and Release Trichogramma chilonis @2 cc (40,000/ ac). Spray Phosalone 35 EC 600 ml/ha or Carbosulfan 6% G 16.7 kg/ha or Cartaphydrochloride 50 % SP 1000 g/ha.
<b>Cattle</b>	<b>Cow and Goat</b>	The prevailing night time temperature is favorable for pneumonia formation in cattle. To reduce the risk of pneumonia, cow, goat and calves shouldn't be left out in open condition during night. A suitable night time shelter with enough heating provision must be given.

### **SMS advisory**

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

**Director,  
TRRI, Aduthurai**