



Agromet Advisory Bulletin for the Ariyalur District

(From 08th May 2024 to 12th May 2024)

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. 10 (03.05.2024) for Tamil Nadu: Ariyalur district

Maximum temperature of 41 - 43 °C, minimum temperature of 28 - 31 °C, and was recorded in Ariyalur district.

Weather forecast for next five days (08.05.2024 to 12.05.2024)

| Past week Summary 03.05.2024 to 06.05.2024 | | | | Parameters | Ensemble weather forecast valid until 08.30 hr of 12.05.2024 | | | | |
|--------------------------------------------|-----------------|----------------|----------------|-----------------|--------------------------------------------------------------|------------------|------------------|------------------|----------------|
| Day-1 03/05 | Day-2 04/05 | Day-3 05/05 | Day-4 06/05 | Date | Day-1 08/05 | Day-2 09/05 | Day-3 10/05 | Day-4 11/05 | Day-5 12/05 |
| 0 | 0 | 0 | 0 | Rainfall (mm) | 0 | 9 | 2 | 3 | 3 |
| 43 | 41 | 42 | 42 | Max. Temp. (°C) | 43 | 41 | 41 | 40 | 40 |
| 29 | 28 | 31 | 29 | Min. Temp. (°C) | 29 | 28 | 27 | 26 | 26 |
| 6 | 5 | 5 | 5 | Cloud cover | 3 | 7 | 4 | 8 | 3 |
| 76-48 | 74-41 | 63-53 | 64-46 | RH I-II (%) | 70-30 | 70-30 | 70-30 | 70-30 | 70-30 |
| 19 | 17 | 12 | 17 | Wind (kmph) | 10 | 14 | 14 | 16 | 16 |
| South East | East South East | South East | South East | Wind direction | South | South South East | South South East | South South East | South |

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 09.05.2024 to 12.05.2024. Maximum temperature is expected to be around 40 - 43 °C and minimum temperature is expected to be around 26 - 29 °C. Morning relative humidity is expected to be around 70 percent and evening relative humidity is expected to be around 30 percent. Average wind speed is expected to be around 10 - 16 km per hour. The wind direction will be south south east.

Agro Advisory

| Crop | Stage | Advisory |
|---------|-------|----------------------------------------------------------------------------------------------------------------|
| General | | Since temperature is increasing, apply mulches to conserve soil moisture. Summer ploughing is also beneficial. |

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|--------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the summer rainfall. |
| | | Summer ploughing can be done by utilizing the rainfall expected upcoming days and to control weeds and larva of insects. |
| Cattle | Cow | Animals transitioning from cooler to hotter climates should be restricted from venturing outside during peak heat hours. It is essential to ensure they have access to abundant water. |

SMS advisory

Since temperature is increasing, apply mulches to conserve soil moisture. Summer ploughing is also beneficial.

**Director
TRRI, Aduthurai**