



Agromet Advisory Bulletin for the Ariyalur District

(From 24th August 2024 to 28th August 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. 41 (20.08.2024) for Tamil Nadu: Ariyalur district

Maximum temperature of 35 - 36 °C, minimum temperature of 24 - 26 °C, and isolated rainfall was recorded in Ariyalur district.

Weather forecast for next five days (24.08.2024 to 28.08.2024)

| Past week Summary 20.08.2024 to 22.08.2024 | | | Parameters | Ensemble weather forecast valid until 08.30 hr of 28.08.2024 | | | | |
|--|----------------|----------------|--------------------|--|-----------------|-----------------|-----------------|-----------------|
| Day-1 20/08 | Day-2 21/08 | Day-3 22/08 | | Date | Day-1 24/08 | Day-2 25/08 | Day-3 26/08 | Day-4 27/08 |
| 0.3 | 0.0 | 4.3 | Rainfall (mm) | 1 | 0 | 0 | 0 | 0 |
| 35 | 35 | 36 | Max. Temp. (°C) | 36 | 36 | 37 | 36 | 37 |
| 24 | 26 | 26 | Min. Temp. (°C) | 26 | 26 | 27 | 27 | 27 |
| 6 | 6 | 7 | Cloud cover (Octa) | 8 | 4 | 5 | 5 | 6 |
| 85-60 | 75-59 | 78-61 | RH I-II (%) | 70-40 | 70-40 | 70-40 | 60-40 | 60-40 |
| 15 | 17 | 10 | Wind (kmph) | 20 | 22 | 20 | 20 | 16 |
| South | South | South | Wind direction | West South West | West South West | West South West | West South West | West South West |

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 24.08.2024. Maximum temperature is expected to be around 36 - 37 °C and minimum temperature is expected to be around 26 - 27 °C. Morning relative humidity is expected to be around 60 - 70 percent and evening relative humidity is expected to be around 40 percent. Average wind speed is expected to be around 16 - 22 km per hour. The wind direction will be west south west.

Agro Advisory

| Crop | Stage | Advisory |
|---------|-------|--|
| General | | Farmers are advised to provide adequate drainage facilities to all crops due to light rainfall forecast. |

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| | | Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI). |
| Rice | Nursery | Considering favourable weather, prepare nursery for samba crop and make sowing. |
| | Main field | By utilizing weather condition land can be prepared for samba rice cultivation before rain. |
| Banana | | Provide support with wooden poles to avoid lodging of tree due to wind. |
| Cattle | Cow | Since the onset of rainy season may attract mosquitoes breeding, farmers are advised to give Notchi leaves fumigation in dairy barn. Insect population has detrimental effect on milk quality. |

SMS advisory

By utilizing weather condition land can be prepared for samba rice cultivation before rain.

**Director
TRRI, Aduthurai**