



Agromet Advisory Bulletin for Thrissur District

(Valid from 27.05.2023 to 31.05.2023)

Prepared by the Department of Agricultural Meteorology, Kerala Agricultural University, COA, Vellanikkara
based on the medium range weather forecast of India Meteorological Department (IMD), New Delhi

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dated 26.05.2023

| Observed weather during last week (Dated 20 th May to 26 th May 2023) | | | | | | | Weather Parameters | | Weather Forecast (Valid for 27 th to 31 st May 2023) | | | | |
|--|------------------|------------------|--------|---|------------------|----------|--|----------------|---|----------|--------|----------|--------|
| 20/05 | 21/05 | 22/05 | 23/05 | 24/05 | 25/05 | 26/05 | Date | 27/05 | 28/05 | 29/05 | 30/05 | 31/05 | |
| 0.0 | 0.2 | 0.8 | 0.5 | 0.0 | 1.5 | 5.6 | Rainfall (mm) | 5.0 | 6.0 | 0.1 | 4.0 | 7.0 | |
| 34.3 | 34.4 | 34.9 | 35.0 | 34.8 | 34.2 | 34.8 | T _{max} (°C) | 35 | 35 | 35 | 36 | 36 | |
| 26.7 | 27.1 | 23.7 | 25.0 | 25.7 | 25.2 | 24.2 | T _{min} (°C) | 24 | 25 | 26 | 26 | 27 | |
| Cloudy | Cloudy | Partially Cloudy | Cloudy | Partially Cloudy | Cloudy | Overcast | AM | Cloud cover | Overcast | Overcast | Cloudy | Overcast | Cloudy |
| Cloudy | Partially Cloudy | Overcast | Cloudy | Cloudy | Partially Cloudy | | PM | | | | | | |
| 91 | 95 | 89 | 84 | 86 | 92 | 93 | RH-I (%) | 85 | 90 | 93 | 92 | 91 | |
| 62 | 59 | 58 | 59 | 63 | 57 | 77 | RH-II (%) | 66 | 58 | 64 | 64 | 59 | |
| 2.3 | 2.2 | 2.5 | 2.1 | 1.9 | 2.3 | 2.1 | Wind Speed (km/hr.) | 8 | 10 | 8 | 8 | 8 | |
| C | C | C | C | C | C | C | AM | Wind direction | NW | NW | NW | NW | NW |
| SW | NW | ENE | SSW | WSW | NW | WNW | PM | | | | | | |
| Rainfall (mm) in last week | | | | Rainfall (mm) from 01/01/2023 to till dated | | | Rainfall (mm) from 01/03/2023 to today | | | | | | |
| 8.6 | | | | 133.2 | | | 133.2 | | | | | | |

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district and moderate rainfall at isolated places. Normal rainfall is expected in Kerala.

C. General and Agrometeorological Advisories for Thrissur District

Special crop management is required for agricultural crops before monsoon season. Provide supports for the bananas. Make the vegetable pandals stronger. Avoid standing in open areas to protect farmers and livestock from lightning and thunder. Proper mulching can be followed to conserve soil moisture.

| Crop | Pest/ Disease | Crop/ Animal Advisory |
|--------------------|------------------|--|
| Rice (virippu) | - | Land preparation and nursery for virippu paddy (Rainfed) can be started after summer rains. |
| Coconut & Arecanut | - | Pits can be taken for planting seedlings of coconut and arecanut. |
| Banana | Sigatoka disease | There is a chance of sigatoka disease in banana. As a prophylactic measure to sigatoka leaf spot disease, spray 1% Bordeaux mixture. If Sigatoka attack is seen, spray one milli litre hexaconazole or one milli litre propiconazole per one liter of water on both the surface of the leaf. |

Animal Husbandry:- Care should be taken to avoid fungal growth in the cattle feed. During cloudy condition, avoid bathing the cow and washing the cattle shed, otherwise more heat will be build up. Provide proper air circulation using fans. Assure increased ventilation in the cattle shed. (CAADECCS, KVASU, Mannuthy).