



Agromet Advisory Bulletin for Thrissur District

(Valid from 26.04.2023 to 30.04.2023)

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 25.04.2023

| Observed weather during last week (Dated 19 th to 25 th April, 2023) | | | | | | | Weather Parameters | | Weather Forecast (Valid for 26 nd to 30 th April 2023) | | | | |
|---|------------------|------------------|------------------|---|------------------|------------------|---|----------------|---|-----------|-----------|-----------|-----------|
| 19/04 | 20/04 | 21/04 | 22/04 | 23/04 | 24/04 | 25/04 | Date | | 26/04 | 27/04 | 28/04 | 29/04 | 30/04 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Rainfall (mm) | | 2 | 2 | 0.1 | 0.2 | 3 |
| 37.7 | 37.1 | 37.0 | 35.8 | 35.9 | 36.0 | 37.1 | T _{max} (°C) | | 37 | 36 | 36 | 36 | 36 |
| 26.9 | 25.5 | 26.0 | 26.1 | 26.2 | 25.9 | 26.6 | T _{min} (°C) | | 27 | 26 | 26 | 26 | 26 |
| Cloudy | Partially Cloudy | Partially Cloudy | Partially Cloudy | Partially Cloudy | Partially Cloudy | Partially Cloudy | AM | Cloud cover | Over cast | Over cast | Over cast | Over cast | Over cast |
| Partially Cloudy | Partially Cloudy | Partially Cloudy | Partially Cloudy | Cloudy | Partially Cloudy | | PM | | cast | cast | cast | cast | cast |
| 88 | 80 | 85 | 79 | 83 | 79 | 75 | RH-I (%) | | 75 | 75 | 75 | 75 | 75 |
| 48 | 47 | 45 | 52 | 54 | 53 | | RH-II (%) | | 55 | 55 | 55 | 55 | 55 |
| 2.5 | 2.8 | 2.6 | 2.9 | 2.3 | 2.8 | 2.6 | Wind Speed (km/hr.) | | 3 | 3 | 3 | 3 | 3 |
| Calm | Calm | Calm | Calm | Calm | Calm | Calm | AM | Wind direction | WSW | W | WSW | WSW | NW |
| Calm | WSW | SSE | SSW | SW | NW | | PM | | | | | | |
| Rainfall (mm) in last week | | | | Rainfall (mm) from 01/01/2023 to till dated | | | Rainfall (mm) from 01/06/22 to till dated | | | | | | |
| 0.0 | | | | 1.7 | | | 1988.4 | | | | | | |

Weather summary / Alert: Light rainfall is expected in isolated places of the district. Normal rainfall is expected in Kerala. There is a chance for increase in temperature in the district.

C. General and Agrometeorological Advisories for Thrissur District

The following are immediate steps to be followed to protect farmers, plants, and birds from the summer heat. Drink plenty of clean water from time to time to prevent dehydration. Avoid going out in hot weather. Thus you can get rid of sunburn. While working in the farm, try to use a hat or an umbrella to prevent direct sunlight. As the climate is hot and dry, irrigate the crops as required to ensure adequate soil moisture. Irrigate only, when there is no strong sunlight. Drip irrigation can reduce water loss to some extent.

| Crop | Pest/ Disease | Crop/ Animal Advisory |
|---------------------------|---------------|--|
| Puncha rice (Dough stage) | Sheath Blight | To control sheath blight disease in rice, spray 4 gram of Trifloxystrobin + Tebuconazole mixture in ten litres of water. |
| Banana & Coconut | Irrigation | Since dry weather condition is prevailed, irrigate Banana plants and Coconut palms as per requirement. Ensure enough moisture in the soil. |
| Chilly | Mite | Since dry weather condition is prevailed, there is a chance of mites attack in chilly. Apply Spiromesifen 8 ml/10 L of water. |

Animal Husbandry:- 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. Ensure sufficient supply of clean drinking water to the animals.
(CAAECCS, KVASU, Mannuthy).