



Agromet Advisory Bulletin for Thrissur District

(Valid from 20.03.2024 to 24.03.2024)

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

| AAS Bulletin No: 12/2024, (23) Tuesday | | | | | | | Dated 19.03.2024 | | | | | | |
|--|------------------|------------------|------------------|---|------------------|------------------|--|----------------|--|-------|--------|--------|------------------|
| Observed weather during last week (Dated 13 th March 2024 to 19 th March 2024) | | | | | | | Weather Parameters | | Weather Forecast Valid for 20 th March to 24 th March 2024 | | | | |
| 13/03 | 14/03 | 15/03 | 16/03 | 17/03 | 18/03 | 19/03 | Date | | 20/03 | 21/03 | 22/03 | 23/03 | 24/03 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Rainfall (mm) | | 0 | 0.1 | 4 | 4 | 0.3 |
| 37.5 | 35.5 | 35.0 | 35.9 | 36.0 | 36.2 | 37.2 | T _{max} (°C) | | 36 | 36 | 36 | 36 | 36 |
| 25.8 | 26.0 | 25.4 | 25.4 | 25.0 | 25.4 | 24.9 | T _{min} (°C) | | 25 | 25 | 25 | 25 | 25 |
| Cloudy | Partially cloudy | Partially cloudy | Partially cloudy | Cloudy | Partially cloudy | Partially cloudy | AM | Cloud cover | Partially cloudy | Clear | Cloudy | Cloudy | Partially cloudy |
| Cloudy | Partially cloudy | Partially cloudy | Partially cloudy | Partially cloudy | Partially cloudy | | PM | | | | | | |
| 84 | 90 | 93 | 89 | 89 | 89 | 87 | RH-I (%) | | 85 | 85 | 85 | 85 | 85 |
| 56 | 52 | 54 | 57 | 54 | 50 | | RH-II (%) | | 62 | 62 | 62 | 62 | 62 |
| 2.0 | 2.0 | 2.3 | 2.3 | 2.0 | 2.5 | 2.3 | Wind Speed (km/hr.) | | 2 | 2 | 3 | 3 | 4 |
| C | C | C | C | C | C | C | AM | Wind direction | W | W | W | W | W |
| WSW | NE | SSW | SW | SSE | NNW | | PM | | | | | | |
| Rainfall (mm) in last week | | | | Rainfall (mm) from 01/01/2024 to till dated | | | Rainfall (mm) from 01/03/2024 to today | | | | | | |
| 0.0 | | | | 132.2 | | | 0.0 | | | | | | |

Weather summary / Alert: Maximum temperatures are very likely to be around 37 °C in Thrissur district during 19.03.2024 to 21.03.2024.

SMS: As per the forecast of IMD, there is a chance of light rainfall in isolated places of the district. Below normal rainfall is expected in Kerala.

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 to get rid of sunburn while going. Try to use a hat or an umbrella to prevent direct sunlight. Since dry and hot weather is prevailed, crops can be irrigated to ensure adequate soil moisture. Crops should not be irrigated during strong sunlight. Drip irrigation can reduce water loss to some extent.

| Crop | Pest/ Disease | Crop/ Animal Advisory |
|---------------------------------------|---------------|---|
| Puncha rice (Panicle emergence stage) | - | As a prophylactic measure to fungal diseases and to boost immunity, spray 20 grams of Pseudomonas in one liter of water. |
| Coconut Tree | - | Since dry weather condition is prevailed, irrigate coconut palm as per requirement. It is a desirable practice to bury fresh or dried coconut husk in the coconut basin to conserve soil moisture. Apply lime (white colour) on the coconut stem near the ground to protect from hot sun. |
| Pepper | - | Pepper plants can be irrigated once a week. The water should be kept in basins of one and a half meter diameter around the plants. It is also good to mulch with dry leaves or something. |

Animal Husbandry: - To avoid indigestion and acidity in cattle's, give 30g sodium bicarbonate with one tea spoon yeast mixed with cattle feed. (CAAECCS, KVASU, Mannuthy).