



Agromet Advisory Bulletin for Thrissur District

(Valid from 12.08.2023 to 16.08.2023)

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 11.08.2023

| Observed weather during last week (Dated 5 th August to 11 th August 2023) | | | | | | | Weather Parameters | | Weather Forecast Valid for 12 th August to 16 th August 2023) | | | | |
|---|------------------|------------------|--------|---|--------|--------|--|----------------|--|----------|----------|--------|--------|
| 05/08 | 06/08 | 07/08 | 08/08 | 09/08 | 10/08 | 11/08 | Date | | 12/08 | 13/08 | 14/08 | 15/08 | 16/08 |
| 5.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Rainfall (mm) | | 1 | 0.5 | 1 | 0.1 | 0.3 |
| 31.9 | 32.4 | 33.0 | 32.5 | 31.7 | 32.9 | 32.5 | T _{max} (°C) | | 33 | 33 | 33 | 33 | 33 |
| 23.6 | 24.5 | 24.5 | 25.0 | 24.2 | 25.2 | 25.7 | T _{min} (°C) | | 26 | 26 | 26 | 26 | 26 |
| Partially Cloudy | Partially Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | AM | Cloud cover | Overcast | Overcast | Overcast | Cloudy | Cloudy |
| Cloudy | Cloudy | Partially Cloudy | Cloudy | Cloudy | Cloudy | PM | | | | | | | |
| 96 | 95 | 92 | 93 | 89 | 92 | 93 | RH-I (%) | | 96 | 92 | 92 | 92 | 92 |
| 63 | 61 | 61 | 66 | 62 | 62 | | RH-II (%) | | 78 | 72 | 72 | 72 | 72 |
| 1.8 | 1.7 | 2.0 | 1.9 | 1.5 | 1.7 | 1.6 | Wind Speed (km/hr.) | | 4 | 4 | 4 | 4 | 3 |
| C | C | C | C | C | C | C | AM | Wind direction | WNW | WNW | NW | NW | NNW |
| SSW | NW | WNW | NNW | WSW | NE | PM | | | | | | | |
| Rainfall (mm) in last week | | | | Rainfall (mm) from 01/01/2023 to till dated | | | Rainfall (mm) from 01/06/2023 to today | | | | | | |
| 5.1 | | | | 1098.3 | | | 964.9 | | | | | | |

Weather summary / Alert: As per the forecast of IMD, intensity of rainfall is expected to decrease in the district. Below normal rainfall is expected in Kerala.

C. General and Agrometeorological Advisories for Thrissur District

Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. Propping of banana plants is recommended. Additional support for vegetable pandals should be strengthened. Pesticides should not be applied during rainy period.

| Crop | Pest/ Disease | Crop/ Animal Advisory |
|---|------------------|---|
| Paddy (virippu) Tillering stage | | In order to reduce the micronutrient deficiency in paddy, spray 10 grams of sampoorana mixture of paddy in one liter of water. Sampoorana mixture of paddy is available at the Kerala Agricultural University and it contains micro nutrients like magnesium, sulphur, boron, zinc, copper, iron, manganese and molybdenum. |
| Coconut | | 25 to 50 kilogram of organic manure can be applied per one matured palm during rainy season by opening the coconut basin. Also, 0.5 kg of magnesium sulphate should be added in the months of August and September. |
| Banana | | It is good to add 500 grams of lime to banana plants at the time of planting in the months of August and September. Also, at the time of planting 10 kg of green manure, compost or green leaves should be added or within a month after planting. |
| Vegetables (Brinjal, Tomatto, Chilly) | | 167 grams of urea and 84 grams of muriate of potash per cent can be applied after 20 to 30 days of planting brinjal, tomato and chilly. |

Animal Husbandry: - Precautions should be taken to avoid ectoparasitic infestations. Deworming of animals should be done after microscopical examination of dung sample in a veterinary hospital. Since there is a chance of mixing of contaminated water in water resources, apply disinfectants available in the market as per manufacturer's instructions. (CAADECCS, KVASU, Mannuthy).