



Agromet Advisory Bulletin for Thrissur District

(Valid from 07.08.2024 to 11.08.2024)

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

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Dated 06.08.2024

| Observed weather during last week (Dated 31 st July to 06 th August 2024) | | | | | | | Weather Parameters | | Weather Forecast Valid for 07 th August to 11 th August 2024 | | | | |
|---|--------|----------|---------------|---|--------|----------|--|----------------|--|----------|--------|--------|----------|
| 31/07 | 01/08 | 02/08 | 03/08 | 04/08 | 05/08 | 06/08 | Date | | 07/08 | 08/08 | 09/08 | 10/08 | 11/08 |
| 32.1 | 25.1 | 17.2 | 1.2 | 12.1 | 0.5 | 22.2 | Rainfall (mm) | | 5 | 4 | 0.1 | 2 | 10 |
| 25.9 | 28.4 | 28.5 | 30.6 | 31.0 | 32.5 | 31.9 | T _{max} (⁰ C) | | 32 | 32 | 32 | 31 | 31 |
| 24.0 | 23.5 | 23.9 | 22.9 | 23.6 | 24.1 | 24.5 | T _{min} (⁰ C) | | 25 | 25 | 24 | 24 | 24 |
| Overcast | Cloudy | Overcast | Partly Cloudy | Overcast | Cloudy | Overcast | AM | Cloud cover | Overcast | Overcast | Cloudy | Cloudy | Overcast |
| Overcast | Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | 96 | PM | | | | | | |
| 98 | 98 | 96 | 93 | 99 | 96 | | RH-I (%) | | 90 | 90 | 90 | 90 | 90 |
| 86 | 92 | 78 | 77 | 67 | 66 | | RH-II (%) | | 70 | 70 | 70 | 70 | 70 |
| 0.7 | 1.4 | 1.0 | 1.7 | 1.3 | 2.1 | 1.9 | Wind Speed (km/hr.) | | 5 | 14 | 8 | 9 | 7 |
| C | C | C | C | C | C | NNW | AM | Wind direction | WNW | NNW | NNW | WNW | WNW |
| WSW | C | SW | NNE | W | E | | PM | | | | | | |
| Rainfall (mm) in last week | | | | Rainfall (mm) from 01/01/2024 to till dated | | | Rainfall (mm) from 01/06/2024 to today | | | | | | |
| 110.4 | | | | 2322.8 | | | 1692.0 | | | | | | |

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

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. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rainy period. Provide supports to banana crops. Make the vegetable pandals stronger. To protect farmers and livestock from lightning and thunder avoid standing in open areas.

| Crop | | Crop/ Animal Advisory |
|-----------------------------------|----------------|---|
| Rice (virippu) Tillering stage | Rice case worm | During rainy season, there is a chance of rice case worm in paddy field. Drain water from the field for three days. To control this 25 kg sawdust mixed with one litre kerosene can be spread per one acre. |
| Pepper | Quick wilt | Proper drainage facilities have to be ensured. As a prophylactic measure to control quick wilt of pepper, add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to the base of each matured pepper vine. |
| Cucurbitaceous Vegetables | Downy mildew | During rainy season, there is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves. |
| Nutmeg | Leaf fall | During rainy season, there is a chance of leaf fall in nutmeg. As a prophylactic measure to manage leaf fall in nutmeg, spray 1% Bordeaux mixture. Proper drainage facilities have to be ensured |

Animal Husbandry: Cattle feed should be stored on a wooden board or iron board. If moisture is in the cattle feed it may cause deadly fungal growth. Animals should not be allowed to go to water logged areas in order to avoid anthrax and foot lesions. (CAAECCS, KVASU, Mannuthy)