



Agromet Advisory Bulletin for Thrissur District

(Valid from 23.09.2023 to 27.09.2023)

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 22.09.2023

| Observed weather during last week (Dated 16 th September to 22 nd September 2023) | | | | | | | Weather Parameters | | Weather Forecast Valid for 23 rd September to 27 th September 2023) | | | | |
|------------------------------------------------------------------------------------------------------------|----------|----------|------------------|---------------------------------------------|------------------|------------------|----------------------------------------|----------------|----------------------------------------------------------------------------------------------|----------|----------|----------|----------|
| 16/09 | 17/09 | 18/09 | 19/09 | 20/09 | 21/09 | 22/09 | Date | | 23/09 | 24/09 | 25/09 | 26/09 | 27/09 |
| 23.0 | 19.7 | 14.6 | 23.0 | 0.2 | 0.0 | 2.6 | Rainfall (mm) | | 4 | 2 | 11 | 11 | 5 |
| 29.2 | 28.2 | 30.7 | 30.0 | 31.6 | 31.5 | 31.9 | T _{max} (⁰ C) | | 32 | 33 | 33 | 33 | 33 |
| 23.4 | 23.7 | 24.5 | 23.3 | 24.4 | 24.3 | 23.9 | T _{min} (⁰ C) | | 24 | 25 | 25 | 25 | 25 |
| Cloudy | Overcast | Overcast | Partially cloudy | Cloudy | Partially cloudy | Partially cloudy | AM | Cloud cover | Overcast | Overcast | Overcast | Overcast | Overcast |
| Cloudy | Cloudy | Cloudy | Cloudy | Partially cloudy | Cloudy | PM | | | | | | | |
| 99 | 97 | 99 | 96 | 93 | 92 | 95 | RH-I (%) | | 93 | 94 | 94 | 95 | 94 |
| 89 | 78 | 81 | 68 | 71 | 65 | | RH-II (%) | | 66 | 68 | 60 | 63 | 63 |
| 1.2 | 0.7 | 1.1 | 0.6 | 15 | 1.0 | 1.1 | Wind Speed (km/hr.) | | 2 | 3 | 4 | 4 | 3 |
| C | C | C | C | C | C | C | AM | Wind direction | WNW | W | NW | WNW | W |
| SW | SW | WNW | WSW | SW | NW | PM | | | | | | | |
| Rainfall (mm) in last week | | | | Rainfall (mm) from 01/01/2023 to till dated | | | Rainfall (mm) from 01/06/2023 to today | | | | | | |
| 83.1 | | | | 1419.6 | | | 1286.2 | | | | | | |

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

C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures to control crop pest & diseases can be taken to avoid their spread. Proper mulching can be followed to conserve soil moisture.

| Crop | Pest/ Disease | Crop/ Animal Advisory |
|--------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Paddy (virippu season) Panicle stage | Rice bug | There is a chance of appearance of rice bug in paddy. To control, spray 2 ml malathion per one litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, it will adversely affect the pollination. |
| Pepper | Quick wilt | 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 |
| Ginger | Stem borer | There is a chance of stem borer in ginger. Spray 20 g <i>Beauveria</i> per one litre of water to control stem borer. Or spray 2 ml of quinalphos in one litre of water. |
| Cucurbitaceous Vegetables | Downy mildew | There is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves. |

Animal Husbandry: - Take precautions to avoid ectoparasitic infestation. If Fever, shivering, and brown coloured urine or any other symptoms of jaundice if noted, immediately consult a veterinary doctor.