



Agromet Advisory Bulletin for Thrissur District

(Valid from 09.12.2023 to 13.12.2023)

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 08.12.2023

| Observed weather during last week (Dated 02 nd December 2023 to 08 th December 2023) | | | | | | | Weather Parameters | | Weather Forecast Valid for 09 th December to 13 th December 2023) | | | | |
|---|--------|--------|--------|---|------------------|--------|--|----------------|---|--------|--------|----------|----------|
| 02/12 | 03/12 | 04/12 | 05/12 | 06/12 | 07/12 | 08/12 | Date | | 09/12 | 10/12 | 11/12 | 12/12 | 13/12 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Rainfall (mm) | | 5 | 8 | 6 | 8 | 1 |
| 33.5 | 34.0 | 34.0 | 33.0 | 32.9 | 33.7 | 33.7 | T _{max} (°C) | | 32 | 33 | 33 | 33 | 33 |
| 24.4 | 24.5 | 25.2 | 24.5 | 24.7 | 24.5 | 24.4 | T _{min} (°C) | | 25 | 25 | 25 | 25 | 25 |
| Partially cloudy | Cloudy | Cloudy | Cloudy | Partially cloudy | Partially cloudy | Cloudy | AM | Cloud cover | Cloudy | Cloudy | Cloudy | Overcast | Overcast |
| Partially cloudy | Cloudy | Cloudy | Cloudy | Cloudy | Partially cloudy | | PM | | | | | | |
| 92 | 95 | 98 | 94 | 96 | 96 | 90 | RH-I (%) | | 90 | 90 | 90 | 90 | 90 |
| 48 | 63 | 64 | 62 | 62 | 63 | 61 | RH-II (%) | | 70 | 70 | 70 | 70 | 70 |
| 2.3 | 1.3 | 0.5 | 0.2 | 0.7 | 1.2 | 1.2 | Wind Speed (km/hr.) | | 6 | 4 | 5 | 5 | 4 |
| C | C | C | C | C | C | ENE | AM | Wind direction | SW | S | WSW | W | WSW |
| NE | C | NNE | NNE | SSE | WSW | ENE | PM | | | | | | |
| Rainfall (mm) in last week | | | | Rainfall (mm) from 01/01/2023 to till dated | | | Rainfall (mm) from 01/10/2023 to today | | | | | | |
| 0.0 | | | | 2084.4 | | | 465.4 | | | | | | |

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

C. General and Agrometeorological Advisories for Thrissur District

Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. Since the wind speed may increase, give strong propping to banana and staking to vegetables. Proper mulching can be followed to conserve soil moisture.

| Crop | Pest/ Disease | Crop/ Animal Advisory |
|---|---------------|---|
| Rice (Mundakan) Panicle initiation stage | Leaf folder | During cloudy weather condition, there is a chance of Leaf folder attack in Mundakan Paddy. It can be controlled by using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Chlorantraniliprole (Coragen) @ 3ml per ten litre of water. |
| Pepper | Pollu disease | During high humidity, there is a chance of Pollu disease in pepper plants. Control the shade in the garden and spray with 1% Bordeaux mixture. Also, carbentazim and mancozeb can be mixed and sprayed at the rate of one gram per one liter of water. |
| Chilli | Thrips | There is a chance of thrips attack in chilli. Apply 2% neem oil+ garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe, apply spiromecifen 8 ml per ten litre of water. |
| Tomato | White fly | Since dry weather condition is prevailed, there is a chance of white fly attack in tomato, apply 2% neem oil+ garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe, apply Thiamethoxam 4 gram per ten litre of water. |

Animal Husbandry: Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. If needed give medicine against worm infestation after dung examination. (CAADECCS, KVASU, Mannuthy).

