



Agromet Advisory Bulletin for Thrissur District

(Valid from 01.02.2025 to 05.02.2025)

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 31.01.2025

| Observed weather during last week (Dated 25 th January 2025 to 31 st January 2025) | | | | | | | Weather Parameters | | Weather Forecast Valid for 01 st February to 05 th February 2025 | | | | |
|---|---------------|---------------|---------------|--|---------------|--------|---|----------------|--|--------|--------|---------------|---------------|
| 25/01 | 26/01 | 27/01 | 28/01 | 29/01 | 30/01 | 31/01 | Date | | 01/02 | 02/02 | 03/02 | 04/02 | 05/02 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Rainfall (mm) | | 0.1 | 0 | 0 | 0 | 0 |
| 33.1 | 34.5 | 34.3 | 34.2 | 33.8 | 35.1 | 33.7 | T _{max} (^o C) | | 34 | 34 | 34 | 34 | 34 |
| 24.5 | 24.5 | 22.2 | 23.2 | 22.0 | 23.1 | 24.2 | T _{min} (^o C) | | 24 | 24 | 24 | 24 | 24 |
| Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy | Cloudy | Partly cloudy | Cloudy | AM | Cloud cover | Overcast | Cloudy | Cloudy | Partly cloudy | Partly cloudy |
| Partly cloudy | Partly cloudy | Cloudy | Partly cloudy | Cloudy | Partly cloudy | | PM | | | | | | |
| 65 | 64 | 73 | 64 | 67 | 75 | 85 | RH-I (%) | | 70 | 70 | 70 | 70 | 70 |
| 41 | 26 | 30 | 33 | 35 | 47 | | RH-II (%) | | 50 | 50 | 50 | 50 | 50 |
| 10.7 | 9.4 | 7.7 | 6.6 | 5.9 | 4.7 | 4.9 | Wind Speed (km/hr.) | | 3 | 2 | 2 | 2 | 2 |
| ENE | NNE | NNE | ENE | ENE | NNE | C | AM | Wind direction | W | W | WSW | W | ESE |
| NE | NNE | ESE | NE | NE | ENE | | PM | | | | | | |
| Rainfall (mm) in last week | | | | Rainfall (mm) from 01/01/2025 to till dated | | | Rainfall (mm) from 01/01/2025 to today | | | | | | |
| 0.0 | | | | 0.0 | | | 0.0 | | | | | | |

Weather summary / Alert: Since dry weather condition is prevails, irrigation of crops can be continued as per requirement. Normal to above normal rainfall is expected in Kerala.

General and Agrometeorological Advisories for Thrissur District

General Advisory: - Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. 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 Management | Agromet Advisory |
|--------------------------------------|--------------------------------|--|
| Rice (Mundakan) Maturity stage | Lakshmi disease | There is a chance of Lakshmi disease in rice. To control this, spray 2 gram Copper hydroxide in one liter of water. |
| | Sheath Blight | To control sheath blight disease in rice, spray 4 gram of Trifloxystrobin + Tebuconazole mixture in ten litres of water. |
| Banana | Management | Since the wind speed may increase, give strong propping to banana plants. |
| Pepper | Slow wilt | To control the slow wilt disease in pepper, apply neem cake at the base of pepper plants. Also apply 25 grams of the bio control agent <i>Pisilomyces lilacinus</i> at the base of each plant. |
| 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. |

Animal Husbandry: Ensure sufficient supply of clean drinking water to the animals. Take measures for preventing mosquito breeding in the premises. (CAADECCS, KVASU, Mannuthy).