



## Agromet Advisory Bulletin for Thrissur District

(Valid from 19.02.2025 to 23.02.2025)

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 18.02.2025**

| Observed weather during last week<br>(Dated 12 <sup>th</sup> February 2025 to 18 <sup>th</sup> February 2025) |               |               |               |   |               |               | Weather Parameters                 |  | Weather Forecast Valid for 19 <sup>th</sup><br>February to 23 <sup>rd</sup> February 2025 |        |               |               |               |
|---|---------------|---------------|---------------|---|---------------|---------------|------------------------------------|--|---|--------|---------------|---------------|---------------|
| 12/02   | 13/02         | 14/02         | 15/02         | 16/02                                       | 17/02         | 18/02         | Date                               |  | 19/02   | 20/02  | 21/02         | 22/02         | 23/02         |
| 0.0   | 0.0           | 0.0           | 0.0           | 0.0   | 0.0           | 0.0           | Rainfall (mm)                      |  | 0   | 0      | 0             | 0             | 0             |
| 35.5  | 36.4          | 36.9          | 35.7          | 36.8  | 36.5          | 36.2          | T <sub>max</sub> ( <sup>0</sup> C) |  | 36  | 36     | 36            | 36            | 36            |
| 21.7  | 21.6          | 22.1          | 23.4          | 23.3  | 23.4          | 22.9          | T <sub>min</sub> ( <sup>0</sup> C) |  | 24  | 24     | 24            | 24            | 24            |
| Partly cloudy   | Partly cloudy | Partly cloudy | Partly cloudy | Partly cloudy                               | Partly cloudy | Partly cloudy | AM                                 | Cloud cover                            | Partly cloudy   | Cloudy | Partly cloudy | Partly cloudy | Partly cloudy |
| Partly cloudy   | Cloudy        | Partly cloudy | Partly cloudy | Partly cloudy                               | Partly cloudy |               | PM                                 |  | Partly cloudy   |        | Partly cloudy | Partly cloudy |               |
| 77  | 93            | 96            | 95            | 65  | 74            | 74            | RH-I (%)                           |  | 96  | 96     | 96            | 96            | 96            |
| 29  | 30            | 33            | 35            | 27  | 29            |               | RH-II (%)                          |  | 54  | 54     | 54            | 54            | 54            |
| 4.4   | 3.9           | 2.6           | 2.1           | 2.4   | 5.1           | 4.4           | Wind Speed (km/hr.)                |  | 3   | 3      | 3             | 2             | 3             |
| NNE   | C             | C             | C             | ENE   | NNE           | NNE           | AM                                 | Wind direction                         | WSW   | W      | W             | W             | W             |
| NNE   | NNE           | N             | ENE           | ESE   | ESE           |               | 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. Below 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 in order to conserve soil moisture.

| Crop                              | Pest/ Disease, Crop Management | Agromet Advisory  |
|-----------------------------------|--------------------------------|---|
| Rice (Mundakan)<br>Maturity stage | -                              | Harvesting can be done in matured paddy fields  |
| Puncha rice<br>(Seedling stage)   | Crop Management                | Transplant seedlings at 4 to 5 leaf stage. The root of seedlings should be soaked for 30 minutes in a solution of <i>Pseudomonas</i> culture @ 10g per one liter of water to control sheath blight, sheath rot, leaf spot disease etc. in future. |
| Banana & Coconut                  | Irrigation                     | Since dry and hot weather condition is prevailed, provide irrigation to banana and coconut plants as per requirement. Mulching can be practiced to conserve soil moisture.  |
| Arecanut                          | Management                     | The wood of arecanut tree can be protected from hot sun by painting white or tying with arecanut leaf sheath.   |

**Animal Husbandry:** Pets, domestic animals and birds should be provided with adequate drinking water and protection from the sun and heat. Adequate ventilation should be arranged in their living space. Do not let the cattle graze during hot weather. (CAADECCS, KVASU, Mannuthy).