



## Agromet Advisory Bulletin for Thrissur District

(Valid from 11.10.2023 to 15.10.2023)

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 10.10.2023**

| Observed weather during last week<br>(Dated 04 <sup>th</sup> October to 10 <sup>th</sup> October 2023) |                  |                  |                  |   |                  |                  | Weather Parameters                 |  | Weather Forecast Valid for 11 <sup>th</sup> October to 15 <sup>th</sup> October 2023) |          |          |          |          |
|--|------------------|------------------|------------------|---|------------------|------------------|------------------------------------|--|---|----------|----------|----------|----------|
| 04/10  | 05/10            | 06/10            | 07/10            | 08/10                                       | 09/10            | 10/10            | Date                               |  | 11/10   | 12/10    | 13/10    | 14/10    | 15/10    |
| 1.2  | 0.4              | 0.0              | 0.0              | 0.0   | 0.0              | 0.0              | Rainfall (mm)                      |  | 0.1   | 2        | 3        | 2        | 1        |
| 32.6   | 32.0             | 33.4             | 33.1             | 33.2  | 33.0             | 33.1             | T <sub>max</sub> ( <sup>0</sup> C) |  | 33  | 33       | 33       | 33       | 33       |
| 24.2   | 24.0             | 23.4             | 22.6             | 23.0  | 24.4             | 24.2             | T <sub>min</sub> ( <sup>0</sup> C) |  | 24  | 24       | 24       | 24       | 24       |
| Overcast   | Partially Cloudy | Partially Cloudy | Partially Cloudy | Partially Cloudy                            | Partially Cloudy | Partially Cloudy | AM                                 | Cloud cover                            | Cloudy  | Overcast | Overcast | Overcast | Overcast |
| Partially Cloudy   | Partially Cloudy | Partially Cloudy | Partially Cloudy | Cloudy                                      | Cloudy           |                  | PM                                 |  |   |          |          |          |          |
| 96   | 92               | 88               | 92               | 85  | 92               | 87               | RH-I (%)                           |  | 85  | 85       | 92       | 90       | 90       |
| 62   | 57               | 57               | 61               | 64  | 57               |                  | RH-II (%)                          |  | 65  | 65       | 68       | 70       | 70       |
| 1.1  | 0.9              | 1.1              | 1.2              | 1.2   | 1.3              | 1.1              | Wind Speed (km/hr.)                |  | 3   | 2        | 2        | 2        | 2        |
| C  | C                | C                | C                | C   | C                | C                | AM                                 | Wind direction                         | WNW   | W        | SSW      | SSW      | WSW      |
| SSE  | NW               | SW               | NW               | SSW   | SW               |                  | PM                                 |  |   |          |          |          |          |
| Rainfall (mm) in last week   |                  |                  |                  | Rainfall (mm) from 01/01/2023 to till dated |                  |                  |                                    | Rainfall (mm) from 01/06/2023 to today |   |          |          |          |          |
| 1.6  |                  |                  |                  | 1709.7                                      |                  |                  |                                    | 1576.3                                 |   |          |          |          |          |

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

### C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures to control crop pest and 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)<br>Maturity stage | -                     | The paddy crop, which attained maturity stage can be harvested as early as possible.  |
| Rice (Mundakan)<br>Seedling stage | Bacterial Leaf blight | To control and prevent bacterial leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas.  |
| Banana                            | -                     | The rhizomes are to be smeared with cow dung solution & ash then they are dried in the sun for about 3 to 4 days before planting. Lime can be applied at 250 gram per plant at the time of planting.                |
| Pepper                            | Pollu beetle          | There is a chance of Pollu beetle attack in pepper plants. To prevent this provide more shade in the garden. Spray neem oil garlic emulsion. If the attack is severe, apply quinalphos 2 ml per one liter of water. |
| Chilli                            | Thrips                | There is a chance of thrips attack in chilly. Apply 2% neem oil+ garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe, apply spiromesifen 8 ml per ten litre of water.              |

Animal Husbandry: - If leg lameness or fever was observed in cattle, Immediate medical attention should be given. Thoroughly wash udder of cow and hands of milking person before milking using clean water with an added disinfectant, such as 1:1000 potassium permanganate solution. (CAADECCS, KVASU, Mannuthy).