



Agromet Advisory Bulletin for Thrissur District

(Valid from 11.11.2023 to 15.11.2023)

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 10.11.2023

| Observed weather during last week (Dated 04 th November to 10 th November 2023) | | | | | | | Weather Parameters | | Weather Forecast Valid for 11 th November to 15 th November 2023) | | | | |
|--|--------|----------|------------------|---|----------|------------------|--|----------------|--|------------------|------------------|------------------|--------|
| 04/11 | 05/11 | 06/11 | 07/11 | 08/11 | 09/11 | 10/11 | Date | | 11/11 | 12/11 | 13/11 | 14/11 | 15/11 |
| 16.2 | 87.6 | 0.0 | 1.9 | 0.0 | 32.9 | 2.7 | Rainfall (mm) | | 12 | 6 | 0.1 | 0.1 | 3 |
| 34.4 | 31.2 | 30.6 | 33.0 | 33.6 | 32.9 | 31.5 | T _{max} (⁰ C) | | 31 | 33 | 33 | 33 | 33 |
| 23.5 | 23.2 | 23.8 | 24.5 | 25.4 | 23.0 | 23.9 | T _{min} (⁰ C) | | 24 | 26 | 26 | 26 | 26 |
| Overcast | Cloudy | Cloudy | Partially Cloudy | Partially Cloudy | Cloudy | Partially Cloudy | AM | Cloud cover | Overcast | Partially Cloudy | Partially Cloudy | Partially Cloudy | Cloudy |
| Overcast | Cloudy | Overcast | Cloudy | Overcast | Overcast | PM | | | | | | | |
| 95 | 98 | 92 | 90 | 86 | 98 | 97 | RH-I (%) | | 92 | 83 | 80 | 76 | 87 |
| 74 | 79 | 69 | 71 | 64 | 86 | | RH-II (%) | | 74 | 59 | 51 | 49 | 51 |
| 1.9 | 1.1 | 1.1 | 1.5 | 2.1 | 1.3 | 1.5 | Wind Speed (km/hr.) | | 2 | 2 | 2 | 2 | 4 |
| C | C | NNE | NNE | C | C | C | AM | Wind direction | SSW | WNW | E | W | W |
| SSW | NNW | NNE | C | NNE | C | PM | | | | | | | |
| Rainfall (mm) in last week | | | | Rainfall (mm) from 01/01/2023 to till dated | | | Rainfall (mm) from 01/10/2023 to today | | | | | | |
| 141.3 | | | | 2008.0 | | | 389.0 | | | | | | |

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

C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. Proper mulching can be followed to conserve soil moisture.

| Crop | Pest/ Disease | Crop/ Animal Advisory |
|-----------------------------------|------------------|---|
| Rice (Mundakan) Seedling stage | - | In order to reduce the micronutrient deficiency in paddy, spray 10 grams of sampoorna mixture of paddy in one liter of water. Sampoorna mixture of paddy is available at the Kerala Agricultural University. |
| Coconut | - | While applying second dose of fertilizers to coconut palms, apply 550 gram of urea, 700 gram of rajphos and 800 gram of potash under irrigated conditions. Apply 500 gram of urea, 800 gram of rajphos and one kg potash under rainfed conditions. |
| Banana | Pitting disease | Appearance of small sunken brown spots on matured fruits is the symptom of blast and pitting disease. Cut and remove dried leaves from the garden and protect the bunches with bunch cover. If the disease is occurring regularly and bunch maturing coincides with rainy season, spray fungicide 0.5 milli litre azoxystrobin or 0.5 gram Nativo per one litre of water within one month of bunch emergence. |
| 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: - Cattle feed should be stored on a wooden board or iron board. If moisture is in the cattle feed it may cause deadly fungal growth. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis Vaccinate animals against foot and mouth disease. (CAADECCS, KVASU, Mannuthy).