



## Agromet Advisory Bulletin for Thrissur District

(Valid from 11.6.2022 to 15.6.2022)

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

AAS Bulletin No: 23/2022, (46) Friday

dated 10.6.2022

### A. Significant weather for the preceding week at vellanikkara

| Rainfall (mm) | Maximum Temp.(°C) | Minimum Temp.(°C) | RH FN (%) | RH AN (%) | Wind speed (Km/h) | Sun shine hours | Evap. (mm) |
|---------------|-------------------|-------------------|-----------|-----------|-------------------|-----------------|------------|
| (38.2)        | (29.9-32.8)       | (22.4-25.7)       | (92-98)   | (58-76)   | (1.2-2.9)         | (0.0-8.2)       | (2.3-3.4)  |

### B. Medium range weather forecast of IMD for next five days

| Weather parameters            | 11.6.2022 | 12.6.2022 | 13.6.2022 | 14.6.2022 | 15.6.2022 |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|
| Rainfall (mm)                 | 10        | 11        | 13        | 2         | 1         |
| Maximum temperature (°C)      | 31        | 31        | 31        | 30        | 30        |
| Minimum temperature (°C)      | 23        | 23        | 23        | 23        | 23        |
| Maximum Relative Humidity (%) | 90        | 90        | 90        | 90        | 90        |
| Minimum Relative Humidity (%) | 60        | 60        | 60        | 60        | 60        |
| Wind speed (kmph)             | 3         | 4         | 3         | 3         | 4         |
| Wind direction (deg)          | 230       | 270       | 230       | 290       | 290       |
| Total cloud cover (octa)      | 6         | 8         | 8         | 4         | 6         |

**Weather summary / Alert:** Light rainfall is expected in the district and moderate rainfall is expected in isolated places. Below normal rainfall is expected in Kerala.

### RAINFALL FORECAST FOR NEXT FIVE DAYS

| 2022 June 11 | 2022 June 12 | 2022 June 13 | 2022 June 14    | 2022 June 15    |
|--------------|--------------|--------------|-----------------|-----------------|
| Light rain   | Light rain   | Light rain   | Very light rain | Very light rain |

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

Proper drainage facilities have to be ensured. Special crop management is required for agricultural crops during monsoon season. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rain.

| Crop                        | Pest/ Disease  | Crop/ Animal Advisory  |
|-----------------------------|--|--|
| Paddy (Virippu)             | Land preparation to transplanting  | 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 litre of water for one kg of seeds to control sheath blight, sheath rot, leaf spot disease etc. in future. |
| Coconut                     | Bud rot  | Ensure drainage facilities in water logged areas. Open the coconut base to retain excess rainwater. As a prophylactic measure to bud rot disease in coconut, 1% Bordeaux mixture can be sprayed on coconut crown.  |
| Nutmeg                      | Leaf fall  | As a precautionary measure to manage leaf fall during rainy season, spray 1% bordeaux mixture. Pesticides should not be applied during rainy period.   |
| Vegetables (Chilly,Bringal) | Management   | Dipping roots in <i>Pseudomonas</i> solution can be recommended before planting seedlings.   |
| Animal Husbandry            | Avoid waterlogged area for construction of poultry shed. Extend overhanging roof in order to avoid rainwater falling inside the shed. (CAADECCS, KVASU, Mannuthy). |  |