



Agromet Advisory Bulletin for Thrissur District

(Valid from 23.11.2022 to 27.11.2022)

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

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dated 22.11.2022

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) |
|---------------|-------------------|-------------------|-----------|-----------|-------------------|-----------------|------------|
| (0.0) | (32.0-33.4) | (20.7-23.8) | (69-95) | (41-61) | (0.5-1.8) | (4.0-8.5) | (2.7-4.1) |

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

| Weather parameters | 23.11.2022 | 24.11.2022 | 25.11.2022 | 26.11.2022 | 27.11.2022 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0.1 | 0.1 | 0.1 | 0.3 |
| Maximum temperature (°C) | 33 | 32 | 32 | 32 | 32 |
| Minimum temperature (°C) | 21 | 22 | 22 | 22 | 22 |
| Maximum Relative Humidity (%) | 82 | 82 | 82 | 82 | 82 |
| Minimum Relative Humidity (%) | 58 | 58 | 58 | 58 | 58 |
| Wind speed (kmph) | 2 | 2 | 5 | 2 | 2 |
| Wind direction (deg) | 250 | 290 | 270 | 230 | 210 |
| Total cloud cover (octa) | 4 | 4 | 4 | 4 | 5 |

Weather summary / Alert: Very light rainfall is expected in the district. Below normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

| 2022 November 23 | 2022 November 24 | 2022 November 25 | 2022 November 26 | 2022 November 27 |
|------------------|------------------|------------------|------------------|------------------|
| No rain | Very light rain | Very light rain | Very light rain | Very light rain |

C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures to control crop pest & diseases can be taken to avoid their spread.

| Crop | Pest/ Disease | Crop/ Animal Advisory |
|---------------------------------|---------------|--|
| Rice (Mundakan) Tillering stage | Stem borer | As a prophylactic measure, apply 2CC Trichogramma japonicum card per acre to control stem borer in paddy. Cut the cards in to small pieces and fix in different parts of the field. If the attack is severe, spray 3ml chlorantraniliprole per 10 litre of water. |
| 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 Pisilomyces lilacinus at the base of each plant. If the attack is severe drench the basin of each plant with three gram Copper Oxy Chloride (COC) per one litre of water. |
| Vegetables (cowpea) | Fruit borer | To control fruit borer in cowpea, apply 5% Neem Kernel Suspension to control fruit borer in the initial stage. Spray Flubendamide 2 ml per ten litre of water or Chlorantraniliprole 3 ml per ten litre if the attack is severe. |
| Cabbage/ Cauliflower | Spodoptera | If the attack is in the initial stage, the affected leaves should be destroyed along with egg, caterpillar and pupa. Neem Kernel suspension (5 percentage) should be sprayed. If the attack is severe, spray Flubendamide 2 ml per ten litre of water or Chlorantraniliprole 3 ml per ten litre of water. |

Animal Husbandry-If fever or any other symptoms of jaundice is noted, consult a veterinary doctor immediately. (CAADECCS, KVASU, Mannuthy).