



Agromet Advisory Bulletin for Thrissur District

(Valid from 01.04.2023 to 05.04.2023)

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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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)	(34.9-37.0)	(24.4-25.9)	(73-91)	(31-57)	(1.7-2.8)	(4.5 -8.7)	(4.5-5.8)

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

Weather parameters	01.04.2023	02.04.2023	03.04.2023	04.04.2023	05.04.2023
Rainfall (mm)	0.3	1.2	5	3.5	5
Maximum temperature (°C)	35	35	35	35	36
Minimum temperature (°C)	25	25	25	25	23
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	61	61	61	61	61
Wind speed (kmph)	6	6	6	4	3
Wind direction (deg)	230	320	290	250	290
Total cloud cover (octa)	6	8	8	8	8

Weather summary / Alert: Light rainfall is expected in isolated places of the district. Above normal rainfall is expected in Kerala.

C. General and Agrometeorological Advisories for Thrissur District

The following are immediate steps to be followed to protect farmers, plants, and birds from the summer heat. Drink plenty of clean water from time to time to prevent dehydration. Avoid going out in hot weather. Thus you can get rid of sunburn. While working in the farm, try to use a hat or an umbrella to prevent direct sunlight. As the climate is hot and dry, irrigate the crops as required to ensure adequate soil moisture. Irrigate only, when there is no strong sunlight. Drip irrigation can reduce water loss to some extent.

Crop	Pest/ Disease	Crop/ Animal Advisory
Puncha rice (Panicle emergence stage)	-	Ensure water availability in paddy fields. The micronutrient deficiency of paddy can be managed by spraying 10 gram of paddy sampoorina in one litter of water.
Banana	Mites	Since dry weather condition is prevailed, there is a chance of mites attack in banana. Apply Wettable sulphur three gram per one litre of water. Give strong propping to banana.
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.
Tuber crops	-	Amorphophallus, Colocasia, Greater Yam etc. tubers can now be planted in areas that received summer rains.

Animal Husbandry- Ensure sufficient supply of clean drinking water to the animals. Allow the animal to graze early in the morning or in the evening to avoid direct sunlight. It is better to graze in the evening itself. (CAADECCS, KVASU, Mannuthy).