



Agromet Advisory Bulletin for Thrissur District

(Valid from 04.04.2023 to 08.04.2023)

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)	(34.6-37.0)	(24.3-25.9)	(82-90)	(47-57)	(2.2-2.9)	(4.8 -10.2)	(4.9-5.8)

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

Weather parameters	04.04.2023	05.04.2023	06.04.2023	07.04.2023	08.04.2023
Rainfall (mm)	0.1	0.1	0.1	0.1	0.2
Maximum temperature (°C)	35	36	37	34	34
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	70	70	70	70	70
Minimum Relative Humidity (%)	35	35	35	35	35
Wind speed (kmph)	3	3	3	3	3
Wind direction (deg)	320	320	290	290	270
Total cloud cover (octa)	4	4	4	4	4

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 (Milky stage)	-	Ensure water availability in paddy fields.
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.
	Rhizome rot	There is a chance of Rhizome rot in banana. As a prophylactic measure, drench the basin with three litre of pseudomonas solution (20g per one liter of water) or mix 5 grams of bleaching powder in one liter of water and pour it around each banana. If the disease is severe, mix copper hydroxide 2 g/l or copper oxychloride 3 g/l with water.
Chilli	Thrips	There is a chance of thrips attack in chilli. Apply 2% neem oil garlic emulsion or spray 2 g Thiamethoxam per ten litres of water.
Tuber crops	-	Amorphophallus, Colocasia, Greater Yam etc. tubers can be planted in areas that received summer rains.

Animal Husbandry- Assure increased ventilation in the cattle shed. 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. (CAADECCS, KVASU, Mannuthy).