



Agromet Advisory Bulletin for Thrissur District

(Valid from 22.03.2023 to 26.03.2023)

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 21.03.2023

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)
(1.7)	(35.0-38.0)	(22.9-25.3)	(78-92)	(25-59)	(1.7-4.1)	(6.6 -9.5)	(4.0-6.0)

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

Weather parameters	22.03.2023	23.03.2023	24.03.2023	25.03.2023	26.03.2023
Rainfall (mm)	0	0	0	0.2	1.2
Maximum temperature (°C)	35	36	36	36	36
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	83	83	83	83	83
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	6	6	3	3	6
Wind direction (deg)	320	290	250	320	300
Total cloud cover (octa)	3	5	6	8	8

Weather summary / Alert: Light rainfall is expected in isolated places of the district. Below 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)	-	High temperature affects the pollination of rice. Ensure water availability in paddy fields as it is the Panicle emergence stage. This is especially important in late sowing fields.
Banana	-	After five months of banana planting, 30 grams of nitrogen and 60 grams of potash can be applied per banana.
Pepper	-	Pepper plants can be irrigated once a week. The water should be kept in basins of one and a half meter diameter around the plants. It is also good to mulch with dry leaves or something.

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).