



Agromet Advisory Bulletin for Thrissur District (Valid from 18.02.2023 to 22.02.2023)

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 17.02.2023

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)
(0.0)	(35.0-36.4)	(18.5-22.8)	(54-87)	(16-28)	(2.3-4.4)	(4.3-10.4)	(4.0-7.5)

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

Weather parameters	18.02.2023	19.02.2023	20.02.2023	21.02.2023	22.02.2023
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	36	34	34	34	34
Minimum temperature (°C)	22	21	21	21	21
Maximum Relative Humidity (%)	66	66	66	66	66
Minimum Relative Humidity (%)	23	23	23	23	23
Wind speed (kmph)	3	3	3	8	3
Wind direction (deg)	250	250	250	290	270
Total cloud cover (octa)	3	3	4	4	4

Weather summary / Alert: Since dry weather condition is prevailed, irrigation of crops can be continued as per requirement. Below normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

2023 February 18	2023 February 19	2023 February 20	2023 February 21	2023 February 22
No rain	No rain	No rain	No rain	No rain

C. General and Agrometeorological Advisories for Thrissur District

Since dry weather condition is prevailed, irrigation of crops can be continued as per requirement. Since the wind speed may increase, give strong propping to banana and staking to vegetables. Prophylactic measures to control crop pests & diseases can be taken to avoid their spread.

Crop	Pest/ Disease	Crop/ Animal Advisory
Puncha rice (Seedling stage)	Brown Plant Hopper (BPH)	During high temperature, there is a chance of brown plant hopper attack in rice. Spray 2 gram Thiamethoxam per ten litre of water.
	Sheath Blight	To control sheath blight disease in rice, spray 4 gram of Trifloxystrobin + Tebuconazole mixture in ten litres of water.
Banana & Coconut	Irrigation	Since dry and hot weather condition is prevailed, provide irrigation to banana and coconut plants as per requirement. Mulching can be practiced to conserve soil moisture.
Arecanut	Management	The wood of arecanut tree can be protected from hot sun by painting white or tying with arecanut leaf sheath.

Animal Husbandry- Ensure sufficient supply of clean drinking water to the animals. Take measures for preventing mosquito breeding in the premises. (CAADECCS, KVASU, Mannuthy).