



Agromet Advisory Bulletin for Thrissur District

(Valid from 28.01.2023 to 01.02.2023)

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 27.01.2023

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)	(31.5-33.8)	(20.7-25.0)	(57-79)	(34-49)	(3.2 -9.2)	(3.5-9.9)	(4.0-7.6)

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

Weather parameters	28.01.2023	29.01.2023	30.01.2023	31.01.2023	01.02.2023
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	23	21	21	21	21
Maximum Relative Humidity (%)	79	79	79	79	79
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	3	4	4	4	5
Wind direction (deg)	270	250	270	290	250
Total cloud cover (octa)	4	5	4	5	8

Weather summary / Alert: Since dry weather condition is prevailed, irrigation of crops can be continued, when required. Above normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

2023 January 28	2023 January 29	2023 January 30	2023 January 31	2023 February 01
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
Rice (Mundakan)	Rice bug	There is a chance of appearance of rice bug in paddy. To control, spray 2 ml malathion per one litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
	Glume discolouration & Lakshmi disease	During the 50% panicle emergence stage, there is a chance of glume discolouration and Lakshmi disease in rice. To control this, spray 2 gram Copper hydroxide in one liter of water.
Banana	Management	The micro nutrient deficiencies of banana plants can be managed by applying 100 gram Ayar.
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 <i>Pisilomyces lilacinus</i> 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.

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

