



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Thrissur District
(Valid from 05.3.2022 to 08.3.2022)

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 04.3.2022

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)	(35.0-37.1)	(22.8-24.7)	(33-76)	(13-36)	(4.0-6.0)	(8.7-10.3)	(5.8-8.2)

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

Weather parameters	05.3.2022	06.3.2022	07.3.2022	08.3.2022	09.3.2022
Rainfall (mm)	0	0	0	0.1	0.5
Maximum temperature (°C)	36	36	36	36	36
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	35	35	35	35	35
Minimum Relative Humidity (%)	21	21	21	21	21
Wind speed (kmph)	6	6	8	8	6
Wind direction (deg)	50	50	50	50	50
Total cloud cover (octa)	7	8	6	6	5




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

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 March 05	2022 March 06	2022 March 07	2022 March 08	2022 March 09
No Rain			Very light rain	

C. General and Agrometeorological Advisories for Thrissur District

Since dry weather condition is prevailed, irrigation of crops can be continued, if needed. Since the wind speed may increase, give strong propping to banana and staking to vegetables.

Crop	Pest/ Disease	Crop/ Animal Advisory
Puncha Rice in Active Tillering stage	Bacterial Leaf Blight (BLB) 	There is a chance of Bacterial Leaf Blight in rice, apply bleaching powder @ 200g per one acre in the irrigation water. As a prophylactic measure, spray a mixture of cow dung slurry (20g cow dung per one litre of water) and pseudomonas solution (20g per one litre of water). If the attack is severe spray 6 g of Streptocycline in 30 litre of water.
Coconut & Arecanut	Management 	Since dry weather condition is prevailed, irrigate to Coconut and Arecanut. Give 40 to 50 liter water for a coconut palm and 25 liter water for an Arecanut plant. Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the coconut palm to conserve soil moisture. It is desirable to apply lime (white colour) on the stem near the ground to protect from heat.
Vegetables	Sucking Pest 	Due to increase in atmospheric temperature, the attack of sucking pest was increased in vegetables. They can be controlled by applying 2% neem oil emulsion once in a week or by spraying Lecanicillium lecanii at 20 g per 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).	