



Agromet Advisory Bulletin for Thrissur District

(Valid from 30.7.2022 to 3.08.2022)

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 29.7.2022

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)
(9.4)	(30.1-32.0)	(23.2-25.3)	(92-99)	(66-89)	(1.4-2.9)	(1.4-8.5)	(1.8-4.6)

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

Weather parameters	30.07.2022	31.07.2022	01.08.2022	02.08.2022	03.08.2022
Rainfall (mm)	10	5	6	15	38
Maximum temperature (°C)	31	31	31	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	3	3	5	5	10
Wind direction (deg)	230	230	250	340	270
Total cloud cover (octa)	8	7	8	8	8

Weather summary / Alert: Moderate rainfall is expected in the district and heavy rainfall is expected in isolated places. Below normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 July 30	2022 July 31	2022 August 01	2022 August 02	2022 August 03
Light rain	Light rain	Light rain	Light rain	Moderate rain

C. General and Agrometeorological Advisories for Thrissur District

Proper drainage facilities have to be ensured. Special crop management is required for agricultural crops during monsoon season. Pesticides should not be applied during rain.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (virippu) Tilling stage	Gall midge	There is a chance of Gall midge attack in rice. To control this apply 5 kilogram of Carbosulfan per acre.
Coconut	Management	25 to 50 kilogram of organic manure can be applied per one matured palm during rainy season by opening the coconut basin.
Banana	Blast and pitting disease	Ensure drainage facilities in low land banana plantations. Appearance of small sunken brown spots on matured fruits is the symptom of blast and pitting disease. To prevent the disease, cut and remove dried leaves from the garden and protect the bunches with bunch cover. If the disease is occurring regularly and bunch maturing coincides with rainy season, spray fungicide like azoxystrobin 0.5 milli litre or tebuconazole + trifloxystrobin (Nativo) 0.5 gram per litre of water within one month of bunch emergence. Pesticides should not be applied during rain
Vegetables (Cowpea)	Anthraco-nose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray pseudomonas 20 gm per liter. Pesticides should not be applied during rain
Animal Husbandry (CAADECCS, KVASU, Mannuthy).		Sundry the cattle feed frequently to avoid fungal growth. Give foot and mouth disease (FMD) vaccination to the animal.