



Agromet Advisory Bulletin for Thrissur District

(Valid from 14.12.2022 to 18.12.2022)

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 13.12.2022

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)
(85.7)	(24.5-33.1)	(21.0-23.4)	83-99	(49-94)	(0.1-4.5)	(0.0-5.9)	(1.5-3.4)

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

Weather parameters	14.12.2022	15.12.2022	16.12.2022	17.12.2022	18.12.2022
Rainfall (mm)	5	5	0.1	0	0
Maximum temperature (°C)	30	32	33	33	33
Minimum temperature (°C)	23	21	21	21	21
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	2	3	2	4	3
Wind direction (deg)	200	200	200	320	250
Total cloud cover (octa)	8	8	6	3	3

Weather summary / Alert: Light rainfall is expected in the district. Normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 December 14	2022 December 15	2022 December 16	2022 December 17	2022 December 18
Light rain	Light rain	Very light rain	No rain	No rain

C. General and Agrometeorological Advisories for Thrissur District

Prophylactic measures to control crop pest & diseases can be taken to avoid their spread. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Mundakan) Tillering stage	Leaf folder	During cloudy weather condition, there is a chance of Leaf folder attack in Mundakan Paddy. It can be controlled by using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water.
	Bacterial Leaf blight	As a prophylactic measure to manage Bacterial Leaf Blight (B L B), dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas. Apply bleaching powder @ 20 bags of 100 gm each for one acre in the irrigation channels for checking the spread of the disease. Spry antibiotics viz. 6 g of streptomycin in 20 litre of water in severe cases.
Vegetables (Cowpea)	Anthraxnose disease	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
Cucurbitaceous Vegetables	Downy mildew	Due to high relative humidity, there is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves. Fungicides should not be applied during rain.

Animal Husbandry- Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis Fever, shivering, and brown coloured urine or any other symptoms of jaundice if noted, immediately consult a veterinary doctor. (CAADECCS, KVASU, Mannuthy).