



Agromet Advisory Bulletin for Thrissur District

(Valid from 17.12.2022 to 21.12.2022)

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

AAS Bulletin No: 50/2022, (100) Friday

dated 16.12.2022

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)
(89.5)	(24.5-32.8)	(21.0-24.0)	82-99)	(43-94)	(0.1-3.3)	(0.0-8.2)	(1.5-2.8)

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

Weather parameters	17.12.2022	18.12.2022	19.12.2022	20.12.2022	21.12.2022
Rainfall (mm)	0	0	0.1	0.1	2
Maximum temperature (°C)	33	32	32	32	32
Minimum temperature (°C)	21	22	22	22	22
Maximum Relative Humidity (%)	65	65	65	65	65
Minimum Relative Humidity (%)	45	45	45	45	45
Wind speed (kmph)	4	6	6	6	6
Wind direction (deg)	20	80	80	40	40
Total cloud cover (octa)	2	2	3	7	7

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

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 December 17	2022 December 18	2022 December 19	2022 December 20	2022 December 21
No rain	No rain	Very light rain	Very light rain	Very light 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 streptocycline in 20 litre of water in severe cases.
Vegetables (Cowpea)	Anthracnose 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).