



Agromet Advisory Bulletin for Thrissur District

(Valid from 03.9.2022 to 07.09.2022)

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 02.9.2022

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)
(57.7)	(30.2-33.3)	(22.3-24.9)	(90-96)	(70-87)	(1.5-2.8)	(2.8-8.3)	(2.9-3.8)

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

Weather parameters	03.09.2022	04.09.2022	05.09.2022	06.09.2022	07.09.2022
Rainfall (mm)	10	6	9	18	16
Maximum temperature (°C)	32	32	32	32	31
Minimum temperature (°C)	23	23	23	23	24
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	83	83	83	83	83
Wind speed (kmph)	3	3	3	4	4
Wind direction (deg)	180	210	250	320	290
Total cloud cover (octa)	8	7	6	8	8

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

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 September 03	2022 September 04	2022 September 05	2022 September 06	2022 September 07
Light rain	Light rain	Light rain	Moderate rain	Moderate rain

C. General and Agrometeorological Advisories for Thrissur District

Proper drainage facilities have to be ensured at crop field. If necessary during clear sky, spray the pesticides with stickers in the solutions.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (virippu) Panicle initiation	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 30 litre of water in severe cases.
Ginger	Phyllosticta leaf spot	Remove and destroying disease affected plants. As a prophylactic messure, spray 2ml hexaconazole or 1 ml Propiconazole or 2 gram SAAF or 2.5 g copper oxychloride or 2 g copper hydroxide dissolved in one litre of water. Otherwise 1% Bordeaux mixture can be sprayed. Spraying can be continued at fortnightly intervals depending upon the intensity of the disease.
Vegetables (Cowpe)	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.

Animal Husbandry- Precautions to be taken to avoid ectoparasitic infestations.

Deworming of animals should be done only after microscopical examination of dung sample in a veterinary hospital.

Vaccinate animals against foot and mouth disease and Hemorrhagic Septicaemia.

Care should be taken to avoid fungal growth in cattle feed. (CAAECCS, KVASU, Mannuthy).