



Agromet Advisory Bulletin for Thrissur District

(Valid from 02.7.2022 to 06.07.2022)

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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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)
(130.6)	(27.5-31.6)	(22.0-24.7)	(93-99)	(63-99)	(0.5-2.9)	(0.0 -8.1)	(1.6-3.8)

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

Weather parameters	02.07.2022	03.07.2022	04.07.2022	05.07.2022	06.07.2022
Rainfall (mm)	19	17	15	24	24
Maximum temperature (°C)	29	29	29	32	32
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	99	99	99	99	99
Minimum Relative Humidity (%)	86	86	86	86	86
Wind speed (kmph)	8	6	5	5	5
Wind direction (deg)	340	320	320	340	320
Total cloud cover (octa)	8	8	8	8	8

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

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 July 02	2022 July 03	2022 July 04	2022 July 05	2022 July 06
Moderate rain	Moderate rain	Light rain	Moderate rain	Moderate rain

C. General and Agrometeorological Advisories for Thrissur District

Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rain.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (Virippu)	Active tillering	During rainy period there is a chance of sheath blight, sheath rot, leaf spot disease etc. As a prophylactic measure, dip root of seedlings in a solution of <i>Pseudomonas</i> culture @10gram of <i>Pseudomonas</i> culture per one litre of water for 30 minutes.
	Thrips attack	During the active tillering stage, to control Thrips attack spray Imidacloprid @2-3ml/10 litre or Thiomethoxam @2-4 ml/10 litre of water
Vegetables (Cowpea & chilly)	Anthracnose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea and chilly. As a prophylactic measure, apply 1% Bordeaux mixture or spray pseudomonas 20 gm per litre. Pesticides should not be applied during rain.
Ginger and Turmeric	Rhizome rot	During rainy season, there is a chance of rhizome rot in ginger and turmeric, spray 20 gram <i>Pseudomonas</i> in one litre of water and drench the basin. Pesticides should not be applied during rain.
Animal Husbandry <small>(CAADECCS, KVASU, Mannuthy).</small>	Since there is a chance of mixing of contaminated water in water resources, apply disinfectants available in the market as per manufacturer's instructions.	