



Agromet Advisory Bulletin for Thrissur District

(Valid from 29.6.2022 to 03.07.2022)

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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dated 28.6.2022

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)
(133.6)	(27.5-31.6)	(22.0-24.7)	(93-99)	(63-82)	(0.5-2.9)	(0.2-8.1)	(1.6-3.8)

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

Weather parameters	29.06.2022	30.06.2022	01.07.2022	02.07.2022	03.07.2022
Rainfall (mm)	12	17	13	5	4
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	23	25	23	23	23
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	78	78	78	78	78
Wind speed (kmph)	4	4	4	4	4
Wind direction (deg)	230	230	230	230	230
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 for next three days. Above normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 June 29	2022 June 30	2022 July 01	2022 July 02	2022 July 03
Light rain	Moderate rain	Light rain	Light rain	Light 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)	Anthraco-nose 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.