



Agromet Advisory Bulletin for Thrissur District

(Valid from 09.7.2022 to 13.07.2022)

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)
(267.4)	(25.2-29.5)	(22.3-23.5)	(97-99)	(74-98)	(1.0-2.6)	(0.0-0.5)	(1.3-2.2)

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

Weather parameters	09.07.2022	10.07.2022	11.07.2022	12.07.2022	13.07.2022
Rainfall (mm)	12	10	9	11	10
Maximum temperature (°C)	27	27	27	27	32
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	100	100	100	100	100
Minimum Relative Humidity (%)	92	92	92	92	92
Wind speed (kmph)	4	5	4	5	3
Wind direction (deg)	340	320	270	320	320
Total cloud cover (octa)	7	8	8	8	8

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

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 July 09	2022 July 10	2022 July 11	2022 July 12	2022 July 13
Light rain	Light 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)	Seedling stage	The micronutrient deficiency of paddy can be managed by spraying 10 gram of paddy sampoorana in one liter of water. Fertilizer should not be applied during rain.
Banana	Rhizome rot	Due to the increase in rainfall, there is a chance of Rhizome rot in banana. Proper drainage facilities have to be ensured. As a precaution, drench the basin with three litre of pseudomonas solution (20g per one liter of water).
Nutmeg	Leaf fall	As a precautionary measure to manage leaf fall during rainy season, spray 1% bordeaux mixture. 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. Pesticides should not be applied during rain.
Animal Husbandry	Keep the cattle shed and premises clean to avoid mosquito breeding. Avoid water logging near the cattle shed. The cow dung pit can be covered to protect from direct falling of rain.	