



Agromet Advisory Bulletin for Ernakulam District

(Valid from 09.7.2022 to 13.7.2022)

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. 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)	15	12	11	11	11
Maximum temperature (°C)	29	29	29	29	30
Minimum temperature (°C)	23	23	23	23	25
Maximum Relative Humidity (%)	100	100	100	100	100
Minimum Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	8	5	8	6	5
Wind direction (deg)	340	320	320	320	320
Total cloud cover (octa)	8	8	8	7	8

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

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.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for (RRS Vyttila)

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 (Pokkali)	Management	Precautions to be taken against the attack of turtles, rats and purple moorhens
Paddy (Virippu)	Sheath blight / Leaf spot	As a prophylactic measure, either soak paddy seeds or dip the roots of the seedlings in <i>Pseudomonas</i> solution @ 10g in a litre of water.
Cowpea	Anthraxnose	Spraying 1% Bordeaux mixture or <i>Pseudomonas</i> @ 20 g in a litre of water as a prophylactic measure
Nutmeg	Leaf fall	As a precautionary measure, spray 1% Bordeaux mixture
Fisheries	It is the right time to prepare ponds for fish farming. Drain the pond and apply lime. Apply tea seed cake or mahua oil cake in ponds where draining is difficult to eradicate weed fishes.	