



Agromet Advisory Bulletin for Ernakulam District

(Valid from 02.7.2022 to 06.7.2022)

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	02.07.2022	03.07.2022	04.07.2022	05.07.2022	06.07.2022
Rainfall (mm)	18	16	12	22	26
Maximum temperature (°C)	29	30	30	30	30
Minimum temperature (°C)	24	24	24	25	25
Maximum Relative Humidity (%)	96	96	96	96	96
Minimum Relative Humidity (%)	89	89	89	89	89
Wind speed (kmph)	10	8	6	6	8
Wind direction (deg)	340	340	340	320	270
Total cloud cover (octa)	8	8	8	8	8

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

Weather summary / Alert: Moderate rainfall is expected in the district and heavy rainfall is expected in isolated places. 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 Pseudomonas solution @ 10g in a litre of water.
Coconut	Bud rot	Improve general condition of the palm by manuring and management. Clean the crown and remove rotten portions. Spray crowns and leaves with 1 % Bordeaux mixture as a prophylactic measure. For already infected palms, small perforated sachets containing 5 g Mancozeb may be tied to the top crown portion and 3 or 4 inner most leaf axils.
Pepper	Foot rot	As a prophylactic measure, add 2.5 kg Trichoderma enriched organic manure to each vine.
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.	