



Agromet Advisory Bulletin for Ernakulam District

(Valid from 19.07.2023 to 23.07.2023)

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	19.07.2023	20.07.2023	21.07.2023	22.07.2023	23.07.2023
Rainfall (mm)	4	3	9	10	8
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	26	26	26	26	26
Maximum Relative Humidity (%)	94	93	93	93	92
Minimum Relative Humidity (%)	76	75	75	75	74
Wind speed (kmph)	8	6	8	8	8
Wind direction (deg)	290	290	270	270	320
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district and Moderate 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 Ernakulum District (RRS Vyttila)

Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. Propping of the banana plants recommended. Additional support of the pandals recommended. Pesticides should not be applied during rainy period.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (Pokkali) Seedling stage	-	Steps for dewatering to be done
Paddy (Virippu) Seedling stage	-	Steps for dewatering to be done
Vegetables (Cowpea)	Anthraco- nose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray pseudomonas 20 gm per one litre of water. Pesticides should not be applied during rain.
Cucurbitaceous Vegetables	Downy mildew	During rainy season, 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 rainy period.

Animal Husbandry: - Sundry the cattle feed frequently to avoid fungal growth. Give foot and mouth disease (FMD) vaccination to the animal. Don't allow the animals go to water logged areas in order to avoid anthrax and foot lesions. (CAADECCS, KVASU, Mannuthy).