



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 12.07.2023 to 16.07.2023)

*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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**Dated 11.07.2023**

### A. Medium range weather forecast of IMD for next five days

Weather parameters	12.07.2023	13.07.2023	14.07.2023	15.07.2023	16.07.2023
Rainfall (mm)	5	5	7	6	6
Maximum temperature (°C )	32	32	32	32	32
Minimum temperature (°C )	26	26	26	26	26
Maximum Relative Humidity (%)	95	94	94	94	94
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	3	6	8	6	3
Wind direction (deg)	340	320	320	340	340
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
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.
Giant African Snail in many crops		Copper sulphate 3g/ litre or Copper Oxy Chloride 3g/litre or mixture of copper sulphate solution and tobacco decotion can be sprayed on crops. If the population is less, bleaching powder or copper sulphate can be applied around the basins. Overnight traps can be set using papaya leaves and or cabbage leaves and covered with wet gunny bags or jute bag pieces, destroy the trapped snails using common salt. Remove and expose the damaged bark near bases and spray Carbosulphan 0.25% or 10% Bordeaux paste can be painted on the stem base.