



Agromet Advisory Bulletin for Ernakulam District

(Valid from 20.08.2025 to 24.08.2025)

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	20.08.2025	21.08.2025	22.08.2025	23.08.2025	24.08.2025
Rainfall (mm)	5	4	2	4	4
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	93	93	93	93	93
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	4	4	4	4	4
Wind direction (deg)	320	320	340	340	340
Total cloud cover (octa)	8	7	6	7	7

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of moderate rainfall in the district. Normal to above normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for Ernakulum District (RRS Vyttila)

General Advisory: -Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. Provide supports for the bananas. Make the vegetable pandals stronger. Pesticides should not be applied during rainy period.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Paddy (Pokkali) Panicle initiation	Bacterial leaf blight	As a prophylactic measure, Pseudomonas (@ 20 g per L of water) can be sprayed in non-rainy period.
Paddy (Virippu) Flowering stage	Glume discoloration	Spray 0.4 g Nativo and potassium nitrate (13:0:45) 10g in a litre of water in non-rainy period.
Dolichos bean & winged bean	Management	This is the sowing time of dolichos bean and winged bean as these vegetables bear flowers and fruits during short day conditions from November to February. Land preparations and planting operations can be initiated.
Ginger	Stem borer	Spray 20g Beauveria bassiana in a litre of water in non-rainy period.

Fisheries: - Rice research Station, Vyttila (Kerala Agricultural University) is having facilities to test water quality parameters of fish culture ponds.