



Agromet Advisory Bulletin for Ernakulam District

(Valid from 27.08.2025 to 31.08.2025)

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

AAS Bulletin No: 34/2025, (68) Tuesday

Dated 26.08.2025

A Medium range weather forecast of IMD for next five days

Weather parameters	27.08.2025	28.08.2025	29.08.2025	30.08.2025	31.08.2025
Rainfall (mm)	0.1	4	5	2	2
Maximum temperature (°C)	30	29	29	29	29
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	85	90	90	90	90
Minimum Relative Humidity (%)	75	80	80	80	80
Wind speed (kmph)	6	3	4	5	3
Wind direction (deg)	320	320	270	320	290
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. Below 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.
Coconut	Management	25 to 50 kilogram of organic manure can be applied per one matured palm during rainyseason by opening the coconut basin. Ensure proper drainage facilities to avoid waterlogging in the basins.
Vegetables (in nursery)	Thrips	Spray <i>Leccanicilium (Vericilium)</i> 20 g in a litre of water during initial stages of infestation. In infected seedlings, Thiachloprid 21.7 SC 4.5 ml in 10 litre of water can be sprayed.
Cassava	Foot rot	Strict sanitation by removing and burning infected plants; crop rotation with suitable crops in two years; ensure good drainage; apply lime @ 150-250 g per plant two weeks before planting; application of neem cake 20 g per plant; application of 1 Kg <i>Trichoderma</i> enriched farm yard manure/compost; Sett treatment with Carbendazim (0.1%) or combination of Carbendazim and mancozeb (0.2%) for 10 minutes; Drenching same fungicides starting from planting three times at 15 days interval.

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