



Agromet Advisory Bulletin for Ernakulam District

(Valid from 06.08.2025 to 10.08.2025)

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: 31/2025, (62) Tuesday

Dated 05.08.2025

A Medium range weather forecast of IMD for next five days

Weather parameters	06.08.2025	07.08.2025	08.08.2025	09.08.2025	10.08.2025
Rainfall (mm)	25	20	10	6	3
Maximum temperature (°C)	29	30	32	32	32
Minimum temperature (°C)	24	25	25	25	25
Maximum Relative Humidity (%)	97	95	95	95	95
Minimum Relative Humidity (%)	90	80	80	80	80
Wind speed (kmph)	20	15	15	8	5
Wind direction (deg)	270	290	320	290	290
Total cloud cover (octa)	8	8	8	7	7

Weather summary / Alert: - As per the forecast of IMD, there is a chance of heavy rainfall in isolated places of the district. Strong winds speed reaching likely to prevail occasionally over Kerala from 05th, and 06th August 2025. Above normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

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

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Paddy (Pokkali)	Purple moorhen	Strategies to manage purple moorhen is very essential in pokkali ecosystem like using nets, reflective ribbons (red and silver) or by erecting rope grids over the canopy.
Paddy (Virippu)	Bacterial leaf blight	During rainy season, there is chance of bacterial leaf blight infestation in rice. As a prophylactic measure, spray 20 g <i>Pseudomonas</i> in one litre of water.
Cassava	Foot rot	Thoroughly drain the field. 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: - Fresh water fish *Pangasius* (Malasian vala or assam vala) can be stocked @ 500 numbers/cent in a pond, as they have the ability to capture oxygen from pond surface.