



Agromet Advisory Bulletin for Ernakulam District

(Valid from 08.10.2025 to 12.10.2025)

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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Dated 07.10.2025

A Medium range weather forecast of IMD for next five days

Weather parameters	08.10.2025	09.10.2025	10.10.2025	11.10.2025	12.10.2025
Rainfall (mm)	7	2	2	1	2
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	80	90	90	90	90
Minimum Relative Humidity (%)	70	80	80	80	80
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	340	270	250	230	230
Total cloud cover (octa)	8	8	8	8	7

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. Thunderstorm accompanied by lightning and gusty winds over Kerala from 07 th to 11 th October 2025.

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)	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.
Coconut	Bud rot	Remove the affected portion and apply 10% Bordeaux paste followed by 1% Bordeaux mixture spray.
Nutmeg	Abnormal leaf fall	Spraying of 1% Bordeaux mixture + soil drenching of copper hydroxide or spraying of 1% Bordeaux mixture and soil application of <i>Trichoderma</i> are recommended.
Many crops	Giant African Snail	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;

Animal Husbandry:- Seek advice to prevent ectoparasitic infestations. Timely deworming and vaccination should be done. (CAAECCS, KVASU, Mannuthy).