



Agromet Advisory Bulletin for Ernakulam District

(Valid from 04.10.2025 to 08.10.2025)

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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A Medium range weather forecast of IMD for next five days

Weather parameters	04.10.2025	05.10.2025	06.10.2025	07.10.2025	08.10.2025
Rainfall (mm)	2	1	2	1	0.5
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	77	77	77	77	77
Wind speed (kmph)	2	2	3	3	5
Wind direction (deg)	320	340	340	340	340
Total cloud cover (octa)	8	8	7	5	5

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 with lightning is very likely to occur at one or two places over Kerala from 03rd to 05th 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
Rice (<i>Virippu</i>) Maturity stage	Rice bug	There is a chance of appearance of rice bug in paddy. To control spray fish jaggery extract (20 ml per litre of water) or spray chitin based <i>Pseudomonas fluorescens</i> 20 gram in one litre of water. If the attack is severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water.
Rice (<i>Mundakan</i>)	Land preparation	Apply lime during land preparation. Seed treatment with <i>pseudomonas</i> can be done before sowing. (10 gram of <i>pseudomonas</i> for one kg of paddy seeds).
Banana	Sigatoka leaf spot disease	As a prophylactic measure to sigatoka leaf spot disease, spray 20g of <i>pseudomonas</i> in one litre of water. If sigatoka attack is seen, spray one milli litre hexaconazole or one milli litre propiconazole per one litre of water on both the surface of the leaf.
Pepper	Pollu disease	During high humidity, there is a chance of pollu disease in pepper plants. Control the shade in the garden and spray with 1% Bordeaux mixture.

Animal Husbandry:- Care should be taken against leptospirosis and ecto-parasites. External wounds need visual attention. Maintain cleanliness of the cattle barn and premises. (CAADECCS, KVASU, Mannuthy).