



Agromet Advisory Bulletin for Ernakulam District

(Valid from 15.10.2025 to 19.10.2025)

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 14.10.2025

A Medium range weather forecast of IMD for next five days

Weather parameters	15.10.2025	16.10.2025	17.10.2025	18.10.2025	19.10.2025
Rainfall (mm)	8	4	5	3	12
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	200	230	320	360	160
Total cloud cover (octa)	8	8	8	7	8

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of moderate rainfall in isolated places of the district. Below normal rainfall is expected in Kerala. Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala from 14 th to 18 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)	-	Harvesting time
Rice (Mundakan)	Bacterial leaf blight	Spray cow dung supernatant along with <i>Pseudomonas</i> (2%), twice at 10 days interval
	Rice leaf folder	There is a chance of leaf folder attack in paddy. It can be controlled by using <i>Trichogramma</i> parasitized egg cards (2CC per one acre). Cut the cards into small pieces and fix in different regions of the field. If the attack is severe, spray quinalphos @ 2 ml per one liter of water
Coconut	Bud rot	Remove the affected portion and apply 10% Bordeaux paste followed by 1% Bordeaux mixture spray.
	Mahali & Leaf rot	Spray of 1% Bordeaux mixture

Fisheries: - Management: As there are chances of PH fluctuations in pond water, apply lime on the bunds after testing the pond water. Rice research Station, Vyttila (Kerala Agricultural University) is having facilities to test water quality parameters of fish culture ponds.