



Agromet Advisory Bulletin for Ernakulam District

(Valid from 25.10.2025 to 29.10.2025)

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	25.10.2025	26.10.2025	27.10.2025	28.10.2025	29.10.2025
Rainfall (mm)	20	4	18	19	15
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	3	2	3	3	5
Wind direction (deg)	180	250	200	340	270
Total cloud cover (octa)	8	7	8	8	8

Weather summary / Alert: As per the forecast of IMD, there is a chance of moderate rainfall in district. Above 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.

B. Agrometeorological Advisories for crop protection & management

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

General Advisory: -Prophylactic measures can be taken to control crop pest & diseases. Proper mulching of crops can be followed to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan Seedling stage)	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 portions and apply 10% Bordeaux paste followed by 1% Bordeaux mixture spray. 1% Bordeaux mixture to be sprayed on all unaffected palms also as a prophylactic measure.
Banana	Management	It is the time for planting of banana. Land preparation, lime application, planting etc. can be done
Cool season vegetables	Planting and management	The season for cool season vegetables is from October to February. Well drained loose soil is preferred. Apply 2 Kg lime at the time of land preparation. Incorporate 100 Kg <i>Trichoderma</i> enriched farm yard manure / compost two weeks after the application of lime. Seedlings can be transplanted by the last of October or first week of November.

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.