



Agromet Advisory Bulletin for Ernakulam District

(Valid from 24.12.2025 to 28.12.2025)

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	24.12.2025	25.12.2025	26.12.2025	27.12.2025	28.12.2025
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	21	21	21	21	21
Maximum Relative Humidity (%)	70	70	70	70	70
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	3	4	4	4	4
Wind direction (deg)	290	250	250	250	270
Total cloud cover (octa)	5	3	5	3	3

Weather summary / Alert: Since dry weather condition is prevailed, irrigation of crops can be continued as per requirement. Below normal rainfall is expected in 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 Flowering stage	Leaf folder	During cloudy weather condition, there is a chance of Leaf folder attack. It can be controlled by using Tricho cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water
Cucurbits	Downy mildew	Remove and destroy infected and dried leaves and spray Mancozeb 75WP (3g/L water).
Cool season vegetables	Management	Necessary irrigation to be provided for cabbage and cauliflower till the formation of head/curd.Cover the curd with 3-4 surrounding leaves to prevent discoloration when the curd is half mature stage (blanching) in cauliflower.
Coconut	Rhinoceros beetle / Red Palm weevil	Field sanitation; top most three leaf axils may be filled with 25g neem cake and 200g sand mixture or naphthalene balls and sand as a prophylactic measure and repeat this procedure 45 days interval; Crown cleaning followed by the application of 20g cartap hydrochloride 4G/ Fipronil 0.3G / Carbosulphan 6G mixed with 200g sand on top three leaf axils; mist net balls can be inserted around leaf spindles.

Animal Husbandry: - Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. If needed give medicine against worm infestation after dung examination. (CAADECCS, KVASU, Mannuthy).