



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 20.09.2025 to 24.09.2025)

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	20.09.2025	21.09.2025	22.09.2025	23.09.2025	24.09.2025
Rainfall (mm)	1	0.5	0.6	2	2
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	3	3	3	4	2
Wind direction (deg)	270	290	290	270	250
Total cloud cover (octa)	8	7	8	8	8

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of light rainfall in the district. Normal to above 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: -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)	Sheath blight	After draining the water, spray Hexaconazole 5 EC at the rate of 1.5 ml per liter of water.
Paddy (Virippu)	Stem borer	Apply trichocards of the egg parasite of the stem borer <i>Trichogramma japonicum</i> at the rate of 5 cc per hectare. Pheromone traps against the stem borer of rice can be applied at the rate of 8 per acre. Use any of Chlorantranil 0.4 G (4 kg per acre) / Fipronil 0.3 G (5 kg per acre) / Cartap hydrochloride (5 kg per acre).
Banana	Sigatoka leaf spot	20g / L <i>Pseudomonas</i> can be sprayed in initial stages, rhizome treatment in 50g <i>Pseudomonas</i> per liter water for 30 minutes; 1% Bordeaux mixture can be sprayed 3 to 4 times in 3 to 4 weeks interval.
Coconut	Bud rot	Remove the affected portion and apply 10% Bordeaux paste followed by 1% Bordeaux mixture spray.
	Rhinoceros beetle	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; <b>mist net balls</b> can be inserted around leaf spindles.

Fisheries: - Rice research Station, Vyttila (Kerala Agricultural University) is having facilities to test water quality parameters of fish culture ponds.