



Agromet Advisory Bulletin for Ernakulam District

(Valid from 17.09.2025 to 21.09.2025)

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	17.09.2025	18.09.2025	19.09.2025	20.09.2025	21.09.2025
Rainfall (mm)	3	4	2	1	0.5
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	93	93	93	93	93
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	3	4	3	3	4
Wind direction (deg)	290	290	270	270	290
Total cloud cover (octa)	8	8	8	8	7

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 16th to 18th September 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)	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; mist net balls 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.