



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 27.09.2025 to 01.10.2025)

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	27.09.2025	28.09.2025	29.09.2025	30.09.2025	01.10.2025
Rainfall (mm)	3	3	2	1	2
Maximum temperature (°C )	29	29	29	29	29
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	3
Wind direction (deg)	320	290	250	270	290
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of light rainfall in the district and heavy rainfall in isolated places. Normal to above normal rainfall is expected in Kerala. Thunderstorm with lightning 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: -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)	Purple moorhen	Strategies to manage purple moorhen is very essential in pokkali ecosystem like using nets, reflective ribbons (red and silver) or by erecting rope grids over the canopy.
Paddy	Rice Thrips	Flooding to submerge the infested field for two days is very effective. In case of severe infestation, spray Thiamethoxam 25WG 2g/10 litre water
Coconut	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.
Ginger	Stem borer	Spray 20g <i>Beauveria bassianain</i> a litre of water

Animal Husbandry:- Care should be taken against leptospirosis and ecto-parasites. External wounds need visual attention. Maintain cleanliness of the cattle barn and premises. (CAADECCS, KVASU, Mannuthy).