



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 07.05.2025 to 11.05.2025)

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	07.05.2025	08.05.2025	09.05.2025	10.05.2025	11.05.2025
Rainfall (mm)	4	3	3	4	5
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	26	26	26	26	26
Maximum Relative Humidity (%)	70	70	70	70	75
Minimum Relative Humidity (%)	65	65	65	65	70
Wind speed (kmph)	8	3	8	8	6
Wind direction (deg)	320	320	340	320	340
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. Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala on 06<sup>th</sup> to 10<sup>th</sup> May 2025. 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: - Proper mulching can be followed to conserve soil moisture. Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Pokkali)	Management	After strengthening the outer bunds, setting the sluices and drying the field, farmers can start preparing mounds and seeds can also be procured.
Puncha rice (Harvesting stage)	Management	The paddy crop, which attained maturity stage can be harvested as early as possible.
Cow pea	Pod bugs	Spray bird pepper (kanthari mulaku) 20g + cows urine 100ml in a litre of water or fish amino acid
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; <b>mist net balls</b> can be inserted around leaf spindles.

Animal Husbandry: - Precautions to be taken to avoid leptospirosis and ectoparasitic infestations. Care should be taken to avoid fungal growth in cattle feed. Deworm the animals after dung examination. (CAADECCS, KVASU, Mannuthy).