



Agromet Advisory Bulletin for Ernakulam District

(Valid from 26.04.2025 to 30.04.2025)

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

AAS Bulletin No: 17/2025, (33) Friday

Dated 25.04.2025

A Medium range weather forecast of IMD for next five days

Weather parameters	26.04.2025	27.04.2025	28.04.2025	29.04.2025	30.04.2025
Rainfall (mm)	3	1	0.7	2	3
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	27	27	27	27	27
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	270	290	320	290	290
Total cloud cover (octa)	7	6	8	7	6

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.

Maximum temperatures are very likely to be around 36°C in 25th & 26th April 2025. Hot & Humid weather is very likely to prevail over the district except in hilly areas due to high temperature and humidity.

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.
Rice (Puncha)	Management	Fish amino acid @ 6ml per litre of water can be sprayed or chitin based Pseudomonas can be applied @ 20 g per litre water. Malathion 50 EC 2 ml per litre can also be sprayed.
Coconut	Management	One-kilogram lime can be applied per one matured palm by opening the coconut basin before the onset of southwest monsoon season,
Ginger/Turmeric	Foot rot	During land preparation, apply 2 to 3 kg lime per cent. The rhizomes should be soaked in 0.3 % mancozeb or pseudomonas solution for 30 minutes for preventing rhizome rot disease. While planting 90 kg FYM mixed with one kg Trichoderma and kept under shade for two weeks with sufficient moisture can be applied.

Animal Husbandry: - Take precautions to avoid ecto-parasitic infestation. Fever, shivering, brown coloured urine, off feed are noticed, consult veterinary doctor immediately. (CAADECCS, KVASU, Mannuthy).