



Agromet Advisory Bulletin for Ernakulam District

(Valid from 13.08.2025 to 17.08.2025)

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	13.08.2025	14.08.2025	15.08.2025	16.08.2025	17.08.2025
Rainfall (mm)	4	5	5	6	3
Maximum temperature (°C)	29	29	29	29	29
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	93	93	93	93	93
Minimum Relative Humidity (%)	78	78	78	78	78
Wind speed (kmph)	4	8	6	4	4
Wind direction (deg)	270	320	290	270	270
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 moderate rainfall in isolated places. 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. Pesticides should not be applied during rainy period. Provide supports for the bananas. Make the vegetable pandals stronger.

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.
Coconut	Management	25 to 50 kilogram of organic manure can be applied per one matured palm during rainy season by opening the coconut basin. Ensure proper drainage facilities to avoid water logging in the basins.
Vegetables (in nursery)	Thrips	Spray <i>Leccanicilium</i> (<i>Vericilium</i>) 20 g in a litre of water during initial stages of infestation. In infected seedlings, Thiachloprid 21.7 SC 4.5 ml in 10 litre of water can be sprayed.

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