



Agromet Advisory Bulletin for Ernakulam District

(Valid from 30.07.2025 to 03.08.2025)

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	30.07.2025	31.07.2025	01.08.2025	02.08.2025	03.08.2025
Rainfall (mm)	4	3	2	3	4
Maximum temperature (°C)	31	30	30	30	30
Minimum temperature (°C)	24	23	23	23	23
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	14	8	8	10	14
Wind direction (deg)	290	320	290	290	290
Total cloud cover (octa)	7	8	8	7	8

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of light rainfall in the district. Strong winds speed reaching likely to prevail occasionally over Kerala from 29th, 30th July 2025. 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) Tillering stage	Leaf folder	Due to high humidity, there is chance of rice leaf folder incidence. Thoroughly monitor the field and take management actions during the initial stage of infestation itself. Trichocards of <i>Trichogramma japonicum</i> and <i>T. chilonis</i> along with <i>Beauveria bassiana</i> @10 gm/l spray can be done.
Paddy(Virippu) Tillering stage	Sheath blight and leaf spot	Sheath blight and leaf spot diseases can be managed by spraying 20g <i>Pseudomonas</i> in one litre water as a prophylactic measure.
Pepper	Foot rot	As a prophylactic measure, add 2.5 kg <i>Trichoderma</i> enriched organic manure to each vine.
Ginger/ Turmeric	Soft rot & leaf spot	Spray and drench <i>Pseudomonas fluorescence</i> @ 20 g per litre of water as a prophylactic measure against fungal diseases

Fisheries:-Farmers are advised to make happa for stocking fish fingerlings. Mosquito net or some other clothes can be used for the preparation of happa. Happa of size 2m x 1m x 1m can store 1000 fingerlings.