



Agromet Advisory Bulletin for Ernakulam District

(Valid from 12.07.2025 to 16.07.2025)

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 56-

Weather parameters	12.07.2025	13.07.2025	14.07.2025	15.07.2025	16.07.2025
Rainfall (mm)	10	11	19	5	4
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	6	6	5	5	5
Wind direction (deg)	340	340	340	320	340
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: - As per the forecast of IMD, there is a chance of moderate rainfall in the district. Strong winds speed reaching likely to prevail occasionally over Kerala from 11th to 15th July 2025. Near 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 before 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. Avoid standing in open areas to protect farmers and livestock from lightning and thunder.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Paddy	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.
Coconut	Leaf rot	Improve health of the palm by balanced nutrition. Remove and destroy the rotten portions from the spear leaf and 2-3 adjacent leaves. Spray crown and leaf with Mancozeb 75 WP @ 3 g in a litre of water as a prophylactic measure. In diseased palms, spray and drench Hexaconazole 5 EC @ 1 ml per litre of water or Carbendazim 50 WP @ 1g per litre of water.
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

Animal Husbandry: Sundry the cattle feed frequently to avoid fungal growth. Give foot and mouth disease (FMD) vaccination to the animal. Don't allow the animals go to water logged areas in order to avoid anthrax and foot lesions. (CAADECCS, KVASU, Mannuthy)