



Agromet Advisory Bulletin for Ernakulam District

(Valid from 16.07.2025 to 20.07.2025)

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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Dated 15.07.2025

A Medium range weather forecast of IMD for next five days

Weather parameters	16.07.2025	17.07.2025	18.07.2025	19.07.2025	20.07.2025
Rainfall (mm)	15	30	30	15	25
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	4	4	3	3	3
Wind direction (deg)	340	320	340	340	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 and heavy rainfall in isolated places. Strong winds speed reaching likely to prevail occasionally over Kerala from 15th to 19th 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 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) Seedling satge	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> each @ 1 lakh/ha along with <i>Beauveria bassiana</i> @10 gm/l spray can be done.
Paddy(Virippu) Seedling stage	Bacterial leaf blight	There is chance of bacterial leaf blight infestation in rice. As a prophylactic measure, spray 20 g <i>Pseudomonas</i> in one litre of water.
Coconut	Bud rot	Improve general condition of the palm by manuring and management. Clean the crown and remove rotten portions. Spray crowns and leaves with 1 % Bordeaux mixture as a prophylactic measure. For already infected palms, small perforated sachets containing 5 g Mancozeb may be tied to the top crown portion and 3 or 4 inner most leaf axils.

Animal Husbandry: Animals should not be allowed to go to water logged areas in order to avoid anthrax and foot lesions. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy)