



Agromet Advisory Bulletin for Ernakulam District

(Valid from 05.07.2025 to 09.07.2025)

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	05.07.2025	06.07.2025	07.07.2025	08.07.2025	09.07.2025
Rainfall (mm)	5	2	3	2	1
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	84	84	84	84	84
Minimum Relative Humidity (%)	76	76	76	76	76
Wind speed (kmph)	3	3	3	2	2
Wind direction (deg)	290	320	340	320	340
Total cloud cover (octa)	8	8	8	6	5

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 of the district. Strong winds speed reaching likely to prevail occasionally over Kerala from 04th to 08th 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 before monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. 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 (Pokkali)	Management	Sowing can be done on already prepared mounts
Paddy (Virippu)	Sheath blight / Leaf spot	As a prophylactic measure, either soak paddy seeds or dip the roots of seedlings in <i>Pseudomonas</i> solution @ 10g in a 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.
Pepper	Foot rot	As a prophylactic measure, add 2.5 kg Trichoderma enriched organic manure to each vine.

Animal Husbandry: Deworm the animals after dung examination. Take precautions to avoid ecto parasitic infestation. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy)