



Agromet Advisory Bulletin for Ernakulam District

(Valid from 28.06.2025 to 02.07.2025)

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

Weather parameters	28.06.2025	29.06.2025	30.06.2025	01.07.2025	02.07.2025
Rainfall (mm)	16	6	2	2	2
Maximum temperature (°C)	29	30	30	30	30
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	82	82	82	82	82
Minimum Relative Humidity (%)	99	99	99	99	99
Wind speed (kmph)	5	5	5	5	5
Wind direction (deg)	250	250	250	250	250
Total cloud cover (octa)	8	6	6	6	6

Weather summary / Alert: - As per the forecast of IMD, there is a chance of moderate rainfall in isolated places of the district. Strong winds with speed reaching likely to prevail over Kerala on 27th & 28th June 2025. Below 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
Rice (virippu)	Sowing/ Transplanting	Time of land preparation in paddy fields, 140 kg of lime can be applied per acre. During rainy period, there is a chance of sheath blight, sheath rot, leaf spot disease etc. As a prophylactic measure, either soak one kg of paddy seeds or dip root of seedlings in a solution of Pseudomonas culture @ 10gram of Pseudomonas culture per one litre of water for 30 minutes.
Paddy (Pokkali)	Management	Precautions to be taken against the attack of turtles, rats and purple moorhens.
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. Pesticides should not be applied during rainy period.
Pepper	Foot rot	As a prophylactic measure, add 2.5 kg <i>Trichoderma</i> enriched organic manure to each vine.
Nutmeg	Leaf fall	As a precautionary measure, spray 1% Bordeaux mixture. Pesticides should not be applied during rainy period.

Animal Husbandry: Cattle feed should be stored on a wooden board or iron board. If moisture is in the cattle feed it may cause deadly fungal growth.. (CAADECCS, KVASU, Mannuthy)