



Agromet Advisory Bulletin for Ernakulam District

(Valid from 25.06.2025 to 29.06.2025)

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

AAS Bulletin No: 25/2025, (50) Tuesday

Dated 24.06.2025

A Medium range weather forecast of IMD for next five days

Weather parameters	25.06.2025	26.06.2025	27.06.2025	28.06.2025	29.06.2025
Rainfall (mm)	10	15	20	15	12
Maximum temperature (°C)	31	31	31	31	31
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)	15	5	4	5	3
Wind direction (deg)	290	270	270	320	200
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. Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala on 24 th to 27 th June 2025. Normal to 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/ Transplantig	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)