



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 14.06.2025 to 18.06.2025)

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

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### A Medium range weather forecast of IMD for next five days

Weather parameters	14.06.2025	15.06.2025	16.06.2025	17.06.2025	18.06.2025
Rainfall (mm)	40	42	50	50	40
Maximum temperature (°C)	29	29	29	29	29
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	93	93	93	93	93
Minimum Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	8	8	15	8	8
Wind direction (deg)	290	290	290	290	270
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 is expected in isolated places. Strong winds with speed occasionally reaching 40-50 kmph on 13th to 17th June 2025 and with speed reaching occasionally 50-60 kmph from 14th to 16th June 2025 is likely to prevail over Kerala. 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	After checking the salinity, preparations for sowing can be done.
Paddy (Virippu)	Management	Preparations for sowing can be done in the case of direct sowing or sowing in nursery for transplantation.
Cucurbitaceous Vegetables	Downy mildew	Due to high relative humidity, there is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves. Pesticides should not be applied during rain.
Many crops	Giant African Snail	Copper sulphate 3g/ litre or Copper Oxy Chloride 3g/litre or mixture of copper sulphate solution and tobacco decoction can be sprayed on crops. If the population is less, bleaching powder or copper sulphate can be applied around the basins. Overnight traps can be set using papaya leaves and or cabbage leaves and covered with wet gunny bags or jute bag pieces, destroy the trapped snails using common salt. Remove and expose the damaged bark near bases and spray Carbosulphan 0.25% or 10% Bordeaux paste can be painted on the stem base

Animal Husbandry: - Keep the cattle shed and premises clean to avoid mosquito breeding. Avoid water logging near the cattle shed. The cow dung pit can be covered to protect from direct falling of rain. (CAADECCS, KVASU, Mannuthy)