



Agromet Advisory Bulletin for Ernakulam District

(Valid from 26.03.2025 to 30.03.2025)

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 25.03.2025

A Medium range weather forecast of IMD for next five days

Weather parameters	26.03.2025	27.03.2025	28.03.2025	29.03.2025	30.03.2025
Rainfall (mm)	0.1	0.2	0.1	0.1	0.2
Maximum temperature (°C)	35	35	35	35	35
Minimum temperature (°C)	26	26	26	26	26
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	8	8	6	12	8
Wind direction (deg)	270	270	290	320	320
Total cloud cover (octa)	7	8	8	8	7

Weather summary / Alert: -. As per the forecast of IMD, There is a chance of light rainfall in isolated places of the district. Above normal rainfall is expected in Kerala. Thunderstorm with lightning is very likely to occur at one or two places over Kerala from 25 th to 27 th March 2025.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for Ernakulum District (RRS Vyttila)

General Advisory: - Proper mulching can be followed to conserve soil moisture. Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Puncha rice	Rice bug	Fish amino acid @ 6ml per litre of water can be sprayed or chitin based <i>Pseudomonas</i> can be applied @ 20 g per litre water
Vegetables	Mites	Spray neem oil garlic emulsion (20 ml neem oil + 20 g garlic paste + 5 g bar soap per litre of water) or 1% azadirachtin (10 ml per litre water) in the initial stages of infestation. In severe cases, spray Spiromesifen 22.9 SC 1 ml per litre of water or Fenazaquin 10 EC 2.5 ml per litre water
Banana	Sigatoka leaf spot	20g / L <i>Pseudomonas</i> can be sprayed in initial stages, rhizome treatment in 50g <i>Pseudomonas</i> per liter water for 30 minutes; 1% Bordeaux mixture can be sprayed 3 to 4 times in 3 to 4 weeks interval.
Coconut	Rhinoceros beetle	Breeding places of rhinoceros beetles like coddung pits, compost pits etc. can be treated with <i>Metarhizium</i> @ 250g in 750 ml water. Leaves of Clerodendron can also be incorporated in coddung pits, compost pits
Mango	Fruit flies	Destroy all fallen fruits at weekly intervals. Install six methyl eugenol plywood traps (pheromone traps) per acre. Plough the soil at the tree basin at frequent intervals.

Animal Husbandry: - Take precautions to avoid ecto-parasitic infestation. Fever, shivering, brown coloured urine, off feed are noticed, consult veterinary doctor immediately. (CAAECCS, KVASU, Mannuthy).