



Agromet Advisory Bulletin for Ernakulam District

(Valid from 19.03.2025 to 23.03.2025)

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 18.03.2025

A Medium range weather forecast of IMD for next five days

Weather parameters	19.03.2025	20.03.2025	21.03.2025	22.03.2025	23.03.2025
Rainfall (mm)	2	0.2	0.2	0.3	0.2
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	4	4	6	10	3
Wind direction (deg)	270	250	270	290	290
Total cloud cover (octa)	8	7	6	7	8

Weather summary / Alert: -. As per the forecast of IMD, Thunderstorm with lightning accompanied by winds with speed reaching 30-40 Kmph is very likely to occur at one or two places in Kerala on 18th and 22nd March 2025.

SMS:-There is a chance of light rainfall in isolated places of the district. 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: - As the climate is hot and dry, irrigate the crops as required to ensure adequate soil moisture. Avoid irrigation during strong sunlight. Drip irrigation can reduce water loss to some extent.

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 Pseudomonas can be applied @ 20 g per litre water
Cowpea	Thrips	There is a chance of thrips attack in cowpea. Apply 2% neem oil+ garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe, apply spiromecifen 8 ml per ten litre of water.
Cucurbitaceous Vegetables	Mosaic disease	There is a chance of mosaic disease in cucurbitaceous vegetables. It can be controlled by rogue out the infected plants. Place yellow sticking traps in field to control the insect vector. If the attack is severe, spray Dimethoate 30 EC @ 1.5 ml per one litre of water.

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