



Agromet Advisory Bulletin for Ernakulam District

(Valid from 03.01.2026 to 07.01.2026)

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	03.01.2026	04.01.2026	05.01.2026	06.01.2026	07.01.2026
Rainfall (mm)	0.5	0.2	0	0	0
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 (%)	65	65	65	65	65
Wind speed (kmph)	3	5	3	3	4
Wind direction (deg)	250	250	290	250	290
Total cloud cover (octa)	8	7	3	3	3

Weather summary / Alert: Since dry weather condition is prevailed, irrigation of crops can be continued as per requirement. Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for Ernakulam District (RRS Vytila)

General Advisory: -Prophylactic measures can be taken to control crop pest & diseases. Proper mulching of crops can be followed to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice Mundakan Flowering stage	Bacterial Leaf blight	Dissolve 20 g cow dung in one litre of water and spray supernatant liquid by mixing with 20 g <i>Pseudomonas</i> in one litre of water.
Vegetables	Mites	2 per cent neem oil + garlic emulsion or commercial neem formulation azadirachtin 0.004 per cent (4 ml per litre of water) or micronized wettable sulphur 0.4 per cent can be applied in the initial stages of infestation. In the case of very severe infestation, the crop can be protected by spraying 0.05% Dimethoate or Spiromesifen 22.9% SC 8 ml per 10 litre or Diafenthiuron 50% WP 1.2 g per 10 litre can be sprayed. Rational rotation of pesticides to be followed to avoid resistance development.
Cauliflower	Management	Cover the curd with 3-4 surrounding leaves to prevent discoloration when the curd is half mature stage (blanching).

Animal Husbandry: - Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. If needed give medicine against worm infestation after dung examination. (CAADECCS, KVASU, Mannuthy).