



Agromet Advisory Bulletin for Ernakulam District

(Valid from 05.03.2025 to 09.03.2025)

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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A Medium range weather forecast of IMD for next five days

Weather parameters	05.03.2025	06.03.2025	07.03.2025	08.03.2025	09.03.2025
Rainfall (mm)	0.1	0.1	0.1	0.1	0.1
Maximum temperature (°C)	34	34	34	34	34
Minimum temperature (°C)	27	27	27	27	27
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	8	12	12	8	6
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	7	6	4	7	6

Weather summary / Alert: - As per the forecast of IMD, there is a chance of light rainfall in isolated places of the district. Normal to 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: - The following are immediate steps to be followed to protect farmers, plants and birds from the summer heat. Drink plenty of clean water from time to time to prevent dehydration. Avoid going out in hot weather, to avoid sunburn. While working in the farm, try to use a hat or an umbrella to prevent direct sunlight. 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
Rice (Mundakan)	Management	Seeds to be dried properly and keep under moisture free conditions. It is time for summer ploughing in the fields that are left fallow for puncha season after harvesting mundakan.
Pumpkin	Viral disease	There is a chance of viral disease in pumpkin plants. Remove and destroy infected plants from the field as early as possible.
Brinjal	White fly	There is a chance of white fly attack in brinjal. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.

Animal Husbandry: Ensure sufficient supply of clean drinking water to the animals. Allow the animal to graze early in the morning or in the evening to avoid direct sunlight. (CAADECCS, KVASU, Mannuthy).