



Agromet Advisory Bulletin for Ernakulam District

(Valid from 30.11.2022 to 04.12.2022)

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	30.11.2022	01.12.2022	02.12.2022	03.12.2022	04.12.2022
Rainfall (mm)	9	2	0.1	3	5
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	4	4	2	4	2
Wind direction (deg)	290	290	250	270	250
Total cloud cover (octa)	8	5	2	8	8

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 November 30	2022 December 01	2022 December 02	2022 December 03	2022 December 04
Light rain	Very light rain	Very light rain	Light rain	Light rain

Weather summary / Alert: Light rainfall is expected in the district and moderate rainfall in isolated places. Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

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

Prophylactic measures to control crop pest & diseases can be taken to avoid their spread.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (General)	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.
Banana	Leaf spot	20g / L <i>Pseudomonas</i> can be sprayed in initial stages, rhizome treatment in 50g <i>Pseudomonas</i> per litre water for 30 minutes; 1% Bordeaux mixture can be sprayed 3 to 4 times in 3 to 4 weeks interval.
Cool season vegetables	Management	One week after transplanting apply urea 650 g, rock phosphate 2 kg, potash 400g for one cent

Fish farming- Carp varieties like Catla, Rohu, Mrigal, Grass carp, Silver carp and Common carp and fishes like Varal, Kari, Pangasius and Tilapia can be suitable species for fresh water fish culture.

Animal husbandry- Veterinary department, GoK is organising a foot and mouth disease campaign from November 15th to December 8th 2022. The vaccine is free and available at farmers doosteps. Hence the farmers are advised to ensure that their animals are vaccinated.