



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 10.01.2024 to 14.01.2024)

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	10.01.2024	11.01.2024	12.01.2024	13.01.2024	14.01.2024
Rainfall (mm)	5	0.1	0	0	0
Maximum temperature (°C)	32	33	33	33	32
Minimum temperature (°C)	25	26	26	26	26
Maximum Relative Humidity (%)	93	93	93	93	93
Minimum Relative Humidity (%)	76	76	76	76	76
Wind speed (kmph)	2	2	2	4	4
Wind direction (deg)	230	290	290	270	290
Total cloud cover (octa)	8	7	6	4	5

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district and moderate rainfall in isolated places. Above normal rainfall is expected in Kerala.

### B. Agrometeorological Advisories for crop protection & management

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

Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. Since the wind speed may increase, give strong propping to banana and staking to vegetables. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Mundakan) Maturity stage	Bacterial Leaf Blight	To control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one liter of water and spray the supernatant liquid by mixing with 20g of pseudomonas in one liter of water. If the attack is severe spray 6 g of Streptocycline in 30 liter of water.
Banana	Boron Deficiency	Boron deficiency is seen more during dry weather. Spray one gram borax per one litre of water.
Pepper	Pollu disease	During high humidity, there is a chance of Pollu disease in pepper plants. Control the shade in the garden and spray with 1% Bordeaux mixture. Also, carbentazim and mancozeb can be mixed and sprayed at the rate of one gram per liter of water.
Fisheries	Management	Farmers can culture the following fishes like red snapper, seabass, pearl spot, mullet, pompano, milk fish etc. in brackish water