



Agromet Advisory Bulletin for Ernakulam District

(Valid from 30.12.2023 to 03.01.2024)

*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	30.12.2023	31.12.2023	01.01.2024	02.01.2024	03.01.2024
Rainfall (mm)	0	0	0.1	0.1	0.1
Maximum temperature (°C)	34	33	32	32	32
Minimum temperature (°C)	27	25	26	26	26
Maximum Relative Humidity (%)	69	69	69	69	69
Minimum Relative Humidity (%)	49	49	49	49	49
Wind speed (kmph)	2	2	2	5	4
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	7	6	7	5	7

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in 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)

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) Panicle stage	Leaf folder	There is a chance of Leaf folder attack in Mundakan Paddy. It can be controlled by using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Chlorantraniliprole (Coragen) @ 3ml per ten litre of water.
Ginger	Fusarium yellows (Bellakkedu)	Remove and destroy the infected plants and drench the beds with cheshunt compound or 1.0 per cent Bordeaux mixture or 0.3 per cent mancozeb.
Cool season vegetables	Management	Second dose of fertilizers to be applied @ 650g urea and 415g MOP per cent (40 days after transplantation). Blanching to be done for cauliflower plants. When the curd is about 2 inches in diameter the large outer leaves should be tied up over the emerging curds to protect the curd from sunlight.

Fisheries: - Fish farmers are advised to keep sunshade net over fish pond which will be helpful to control over growth of green planktons.