



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 31.12.2022 to 04.01.2023)

*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	31.12.2022	01.01.2023	02.01.2023	03.01.2023	04.01.2023
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C )	33	33	33	33	33
Minimum temperature (°C )	24	24	24	24	24
Maximum Relative Humidity (%)	84	84	84	84	84
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	4	2	3	4	2
Wind direction (deg)	250	250	290	270	290
Total cloud cover (octa)	6	4	2	4	4

### RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 December 31	2023 January 01	2023 January 02	2023 January 03	2023 January 04
No rain	No rain	No rain	No rain	No rain

**Weather summary / Alert:** Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. 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. 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.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Mundakan) Panicle emergence stage	Sheath Blight	To control sheath blight disease in rice, spray 4 gram of (Trifloxystrobin + Tebuconazole) mixture in ten litres of water.
Banana	Calcium Boron Deficiency	To control leaf curling in banana, due to calcium deficiency, apply 250g lime per banana plant. Boron deficiency is seen more during dry weather. Spray one gram borax per one litre of water.
Pepper	Slow wilt	To control the slow wilt disease in pepper, apply neem cake at the base of pepper plants. Also apply 25 grams of the bio control agent <i>Pisilomyces lilacinus</i> at the base of each plant. If the attack is severe drench the basin of each plant with three gram Copper Oxy Chloride (COC) per one litre of water.

**Animal Husbandry-** Care should be taken to avoid ecto-parasitic infestation. Ensure sufficient supply of clean drinking water to the animals.