



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 23.11.2022 to 27.11.2022)

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	23.11.2022	24.11.2022	25.11.2022	26.11.2022	27.11.2022
Rainfall (mm)	0	0	0.1	0.1	0.2
Maximum temperature (°C )	30	31	30	30	30
Minimum temperature (°C )	24	23	23	23	23
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	68	68	68	68	68
Wind speed (kmph)	5	5	5	2	2
Wind direction (deg)	290	320	270	250	160
Total cloud cover (octa)	4	4	4	4	4

### RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 November 23	2022 November 24	2022 November 25	2022 November 26	2022 November 27
No rain	No rain	Very light rain	Very light rain	Very light rain

Weather summary / Alert: Very light rainfall is expected in the district. 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)	Sheath rot and sheath blight	Spray Hexaconazole 5EC 1.5 ml per litre after draining the field
Coconut	Rhinoceros beetle / Red Palm weevil	Field sanitation; top most three leaf axils may be filled with 25g neem cake and 200g sand mixture or naphthalene balls and sand as a prophylactic measure and repeat this procedure 45 days interval; Crown cleaning followed by the application of 20g cartap hydrochloride 4G/ Fipronil 0.3G / Carbosulphan 6G mixed with 200g sand on top three leaf axils; <b>mist net balls</b> can be inserted around leaf spindles.
Cool season vegetables	Planting	One month old seedlings to be transplanted to already prepared field @ 90-100 seedlings / cent or in grow bags. 100 Kg <i>Trichoderma</i> enriched cowdung / compost can be applied before planting as basal dose. Complete transplanting before third week of November.

Fish farming-This is the time of pond preparation for culturing fresh water fishes. Tilapia and Anabas which can be harvested within a span of six months are good options for fish culture.

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