



Agromet Advisory Bulletin for Ernakulam District

(Valid from 12.11.2022 to 16.11.2022)

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	12.11.2022	13.11.2022	14.11.2022	15.11.2022	16.11.2022
Rainfall (mm)	8	20	12	6	7
Maximum temperature (°C)	31	31	30	30	30
Minimum temperature (°C)	24	24	24	24	25
Maximum Relative Humidity (%)	91	91	91	91	91
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	2	6	2	2	2
Wind direction (deg)	340	340	180	250	270
Total cloud cover (octa)	8	8	8	8	8

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 November 12	2022 November 13	2022 November 14	2022 November 15	2022 November 16
Light rain	Moderate rain	Light rain	Light rain	Light rain

Weather summary / Alert: Moderate rainfall is expected in the district and heavy rainfall is expected in isolated places. Above 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	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; mist net balls 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.