



Agromet Advisory Bulletin for Ernakulam District

(Valid from 26.10.2022 to 30.10.2022)

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	26.10.2022	27.10.2022	28.10.2022	29.10.2022	30.10.2022
Rainfall (mm)	1	2	2	1	0.1
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	4	4	2	2	2
Wind direction (deg)	320	250	230	270	250
Total cloud cover (octa)	6	6	8	7	7

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 October 26	2022 October 27	2022 October 28	2022 October 29	2022 October 30
Very light rain	Very light 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 (Pokkali)	Harvesting stage	Rice (Pokkali) is in harvesting stage.
Banana	Sigatoka leaf spot	20g / L <i>Pseudomonas</i> can be sprayed in initial stages, rhizome treatment in 50g <i>Pseudomonas</i> per liter water for 30 minutes; 1% Bordeaux mixture can be sprayed 3 to 4 times in 3 to 4 weeks interval.
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.
Nutmeg	Abnormal leaf fall	Spraying of 1% Bordeaux mixture + soil drenching of copper hydroxide or spraying of 1% Bordeaux mixture and soil application of <i>Trichoderma</i> are recommended.

Fish farming -Due to rainfall, fish pond water level may increases in coming days. So farmers to take necessary steps to prevent the escape of fishes like fencing the fish pond by net.