



Agromet Advisory Bulletin for Ernakulam District

(Valid from 18.10.2023 to 22.10.2023)

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	18.10.2023	19.10.2023	20.10.2023	21.10.2023	22.10.2023
Rainfall (mm)	6	2	3	2	3
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	26	26	26	25	25
Maximum Relative Humidity (%)	92	92	90	90	90
Minimum Relative Humidity (%)	74	77	75	76	74
Wind speed (kmph)	4	5	5	5	5
Wind direction (deg)	290	290	250	230	250
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district and moderate rainfall 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. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (Pokkali)	Management	Measures for dewatering of excess water to be done. Reflective ribbons can be tied up above the crop canopy to ward off purple moorhens' damage.
Paddy (Mundakan)	Management	Continue land preparation, basal fertilizer application, transplantation etc.
Coconut	Bud rot	Remove the affected portions and apply 10% Bordeaux paste followed by 1% Bordeaux mixture spray. 1% Bordeaux mixture to be sprayed on all unaffected palms also as a prophylactic measure.
Banana	Management	It is the time for planting of banana. Land preparation, lime application, planting etc. can be done
Cool season vegetables	Planting and management	The season for cool season vegetables is from October to February. Well drained loose soil is preferred. Apply 2 Kg lime at the time of land preparation. Incorporate 100 Kg <i>Trichoderma</i> enriched farm yard manure / compost two weeks after the application of lime. Seedlings can be transplanted by the last of October or first week of November.

Fisheries: - As there are chances of PH fluctuations in pond water, apply lime on the bunds after testing the pond water. Rice research Station, Vyttila (Kerala Agricultural University) is having facilities to test water quality parameters of fish culture ponds.