



Agromet Advisory Bulletin for Ernakulam District

(Valid from 24.8.2022 to 28.8.2022)

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	24.08.2022	25.08.2022	26.08.2022	27.08.2022	28.08.2022
Rainfall (mm)	19	12	6	7	6
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	24	26	25	25	25
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	6	6	6	6	6
Wind direction (deg)	340	340	320	340	340
Total cloud cover (octa)	8	8	8	8	8

RAINFALL FORECAST FOR NEXT FIVE DAYS				
2022 August 24	2022 August 25	2022 August 26	2022 August 27	2022 August 28
Moderate rain	Light rain	Light rain	Light rain	Light rain

Weather summary / Alert: Light rainfall is expected in the district and heavy rainfall in isolated places. Normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for (RRS Vyttila)

Proper drainage facilities have to be ensured at crop field. If necessary during clear sky, spray the pesticides with stickers in the solutions

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (Pokkali)	Bacterial leaf blight	As a prophylactic measure, <i>Pseudomonas</i> (@ 20 g per L of water) can be sprayed.
	Purple moorhen	Strategies to manage purple moorhen is very essential in pokkali ecosystem like using nets, reflective ribbons (red and silver) or by erecting rope grids over the canopy.
Paddy (Virippu Flowering stage)	Glume discoloration	Spray 0.4 g Nativo and potassium nitrate (13:0:45) 10g in a litre of water
Dolichos bean & winged bean	Management	This is the sowing time of dolichos bean and winged bean as these vegetables bear flowers and fruits during short day conditions from November to February. Land preparations and planting operations can be initiated.
Ginger	Stem borer	Spray 20g <i>Beauveria bassiana</i> in a litre of water

Fisheries management- Rice research Station, Vyttila (Kerala Agricultural University) is having facilities to test water quality parameters of fish culture ponds.