



Agromet Advisory Bulletin for Ernakulam District

(Valid from 29.08.2023 to 02.09.2023)

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	29.08.2023	30.08.2023	31.08.2023	01.09.2023	02.09.2023
Rainfall (mm)	0.2	5	0.5	0.3	0.5
Maximum temperature (°C)	32	32	31	31	31
Minimum temperature (°C)	26	26	25	25	25
Maximum Relative Humidity (%)	78	90	92	92	92
Minimum Relative Humidity (%)	71	72	60	62	62
Wind speed (kmph)	3	3	6	3	6
Wind direction (deg)	270	290	290	270	270
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: As per the forecast of IMD, Very light rainfall is expected in isolated places of 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. Proper mulching can be followed to conserve soil moisture.

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
Ginger	Stem borer	Spray 20g <i>Beauveria bassiana</i> in a litre of water

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