



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 26.08.2023 to 30.08.2023)

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	26.08.2023	27.08.2023	28.08.2023	29.08.2023	30.08.2023
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	31	32	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	85	85	88	85	85
Minimum Relative Humidity (%)	70	75	75	70	65
Wind speed (kmph)	8	6	4	5	4
Wind direction (deg)	290	290	290	290	320
Total cloud cover (octa)	5	7	6	8	8

**Weather summary / Alert:** As per the forecast of IMD, there is less chance of rainfall 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. 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
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:** - Rice research Station, Vyttila (Kerala Agricultural University) is having facilities to test water quality parameters of fish culture ponds.