



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 23.08.2023 to 27.08.2023)

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

AAS Bulletin No: 34/2023, (67) Tuesday

Dated 22.08.2023

### A. Medium range weather forecast of IMD for next five days

Weather parameters	23.08.2023	24.08.2023	25.08.2023	26.08.2023	27.08.2023
Rainfall (mm)	0.2	0.3	0.1	0.3	0.3
Maximum temperature (°C)	31	32	32	32	32
Minimum temperature (°C)	26	25	25	25	25
Maximum Relative Humidity (%)	90	92	90	92	90
Minimum Relative Humidity (%)	55	55	50	52	50
Wind speed (kmph)	8	5	5	6	5
Wind direction (deg)	320	290	290	290	290
Total cloud cover (octa)	7	7	7	5	4

**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
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.