



Agromet Advisory Bulletin for Ernakulam District

(Valid from 27.8.2022 to 31.8.2022)

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

AAS Bulletin No: 34/2022, (68) Friday **dated 26.8.2022**

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

Weather parameters	27.08.2022	28.08.2022	29.08.2022	30.08.2022	31.08.2022
Rainfall (mm)	25	12	16	14	12
Maximum temperature (°C)	29	30	30	30	30
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	86	86	86	86	86
Wind speed (kmph)	8	6	4	3	3
Wind direction (deg)	320	320	290	320	290
Total cloud cover (octa)	8	8	7	7	5

RAINFALL FORECAST FOR NEXT FIVE DAYS				
2022 August 27	2022 August 28	2022 August 29	2022 August 30	2022 August 31
Moderate rain	Light rain	Moderate rain	Light rain	Light rain

Weather summary / Alert: Moderate rainfall is expected in the district. 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.