



Agromet Advisory Bulletin for Ernakulam District

(Valid from 31.8.2022 to 04.9.2022)

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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dated 30.8.2022

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

Weather parameters	31.08.2022	01.09.2022	02.09.2022	03.09.2022	04.09.2022
Rainfall (mm)	20	15	11	10	7
Maximum temperature (°C)	29	29	29	29	29
Minimum temperature (°C)	24	24	24	25	25
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	10	8	4	3	3
Wind direction (deg)	320	290	230	210	250
Total cloud cover (octa)	8	8	7	7	8

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 August 31	2022 September 01	2022 September 02	2022 September 03	2022 September 04
Moderate rain	Light rain	Light rain	Light rain	Light rain

Weather summary / Alert: Moderate 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.
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.