



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 19.10.2022 to 23.10.2022)

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: 42/2022, (83) Tuesday** **dated 18.10.2022**

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

Weather parameters	19.10.2022	20.10.2022	21.10.2022	22.10.2022	23.10.2022
Rainfall (mm)	66	55	35	25	20
Maximum temperature (°C )	30	30	30	30	30
Minimum temperature (°C )	25	25	25	25	25
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	4	3	3	3	3
Wind direction (deg)	180	270	270	250	250
Total cloud cover (octa)	8	7	5	4	5

RAINFALL FORECAST FOR NEXT FIVE DAYS				
2022 October 19	2022 October 20	2022 October 21	2022 October 22	2022 October 23
Heavy rain	Moderate rain	Moderate rain	Moderate rain	Moderate 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 Ernakulum District (RRS Vyttila)

Prophylactic measures to control crop pest & diseases can be taken to avoid their spread.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Pokkali)	Harvesting stage	Rice (Pokkali) is in harvesting stage.
Banana	Sigatoka leaf spot	20g / L <i>Pseudomonas</i> can be sprayed in initial stages, rhizome treatment in 50g <i>Pseudomonas</i> per liter water for 30 minutes; 1% Bordeaux mixture can be sprayed 3 to 4 times in 3 to 4 weeks interval.
Coconut	Bud rot	Remove the affected portion and apply 10% Bordeaux paste followed by 1% Bordeaux mixture spray.
Nutmeg	Abnormal leaf fall	Spraying of 1% Bordeaux mixture + soil drenching of copper hydroxide or spraying of 1% Bordeaux mixture and soil application of <i>Trichoderma</i> are recommended.

Fish farming -Due to rainfall, fish pond water level may increases in coming days. So farmers to take necessary steps to prevent the escape of fishes like fencing the fish pond by net.