



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 01.07.2023 to 05.07.2023)

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: 26/2023, (52) Friday**

**Dated 30.06.2023**

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

Weather parameters	01.07.2023	02.07.2023	03.07.2023	04.07.2023	05.07.2023
Rainfall (mm)	5	3	12	13	18
Maximum temperature (°C)	30	31	31	32	32
Minimum temperature (°C)	23	24	24	26	26
Maximum Relative Humidity (%)	98	96	95	95	95
Minimum Relative Humidity (%)	76	70	75	86	91
Wind speed (kmph)	8	6	12	5	14
Wind direction (deg)	290	320	320	290	270
Total cloud cover (octa)	8	8	8	8	8

**Weather summary / Alert:** As per the forecast of IMD, there is a chance of Moderate rainfall in the district and heavy rainfall is expected in isolated places. Above normal rainfall is expected in Kerala.

### B. Agrometeorological Advisories for crop protection & management

#### C. General and Agrometeorological Advisories for Ernakulum District (RRS Vyttila)

Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rain.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (Pokkali)	Management	Sowing can be done on already prepared mounts
Paddy (Virippu)	Sheath blight / Leaf spot	As a prophylactic measure, either soak paddy seeds or dip the roots of seedlings in <i>Pseudomonas</i> solution @ 10g in a litre of water
Coconut	Bud rot	Improve general condition of the palm by manuring and management. Clean the crown and remove rotten portions. Spray crowns and leaves with 1 % Bordeaux mixture as a prophylactic measure. For already infected palms, small perforated sachets containing 5 g Mancozeb may be tied to the top crown portion and 3 or 4 inner most leaf axils.
Pepper	Foot rot	As a prophylactic measure, add 2.5 kg Trichoderma enriched organic manure to each vine.
Fisheries	Management	Fishes like carps (catla, rohu, mrigal, grass carp, silver carp, common carp), Tilapia, Channa sp., pearl spot, pangasins, anabas etc. can be cultured in fresh water ponds. Farmers can select Anabas and Tilapia as six month culture period species.