



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 31.05.2023 to 04.06.2023)

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

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

Weather parameters	31.05.2023	01.06.2023	02.06.2023	03.06.2023	04.06.2023
Rainfall (mm)	8	7	2	5	1
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	27	27	27	27	27
Maximum Relative Humidity (%)	92	92	92	90	86
Minimum Relative Humidity (%)	68	66	70	70	60
Wind speed (kmph)	5	4	5	5	3
Wind direction (deg)	290	270	270	290	320
Total cloud cover (octa)	8	7	8	7	5

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district and moderate 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)

Special crop management is required for agricultural crops before monsoon season. Provide supports for the bananas. Make the vegetable pandals stronger. Avoid standing in open areas to protect farmers and livestock from lightning and thunder. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Pokkali)	Management	After the onset of monsoon, the water can be maintained in the field for 2-3 days and drain the field after that by opening the sluices
Paddy (Virippu)	Management	Preparations for sowing can be done in the case of direct sowing or sowing in nursery for transplantation.
Banana	Sigatoka leaf spot	Remove and destroy severely infected and completely dried leaves. Improve drainage facilities. Spray 1 % Bordeaux mixture or Mancozeb 75 WP 3g per litre water along with stickers 4-5 times at 2-3 weeks interval as a prophylactic measure. In diseased field spray Hexaconazole 5EC ml per litre water.
Coconut	Leaf rot/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, Mancozeb 75 WP 3g per litre water, Copper Oxy Chloride 50 WP 3g per litre.

Fisheries: - It is the right time to prepare ponds for fish farming. Drain the pond and apply lime. Apply tea seed cake or mahua oil cake in ponds where draining is difficult to eradicate weed fishes.