



Agromet Advisory Bulletin for Ernakulam District

(Valid from 07.06.2023 to 11.06.2023)

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	07.06.2023	08.06.2023	09.06.2023	10.06.2023	11.06.2023
Rainfall (mm)	4	2	4	4	2
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	25	26	26	26	26
Maximum Relative Humidity (%)	92	92	86	85	86
Minimum Relative Humidity (%)	71	70	70	72	70
Wind speed (kmph)	8	8	10	8	5
Wind direction (deg)	290	250	290	270	270
Total cloud cover (octa)	8	8	8	8	8

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)

Improve pre-drainage facilities in areas prone to waterlogging due to monsoon rains. Special crop management is required for agricultural crops before monsoon season. 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
Rice (virippu)	Management	The paddy fields where rain is received, virippu paddy (Rainfed) can be started. Transplant seedlings at 4 to 5 leaf stage. The root of seedlings can be soaked for 30 minutes in a solution of <i>Pseudomonas</i> culture @10g per one litre of water for one kg of seeds. As a prophylactic measure to control sheath blight, sheath rot, leaf spot disease etc. Rainfed cultivation can be done in areas that do not receive summer rains.
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	Management	During the beginning of southwest monsoon season, one-kilogram lime can be applied per matured palm by opening the coconut basin.
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.		