



Agromet Advisory Bulletin for Ernakulam District

(Valid from 21.06.2023 to 25.06.2023)

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	21.06.2023	22.06.2023	23.06.2023	24.06.2023	25.06.2023
Rainfall (mm)	7	4	5	2	2
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	26	26	26	26	26
Maximum Relative Humidity (%)	95	89	89	88	85
Minimum Relative Humidity (%)	70	62	58	62	61
Wind speed (kmph)	8	8	6	6	3
Wind direction (deg)	340	270	290	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 isolated places of the district. Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for Ernakulam 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	After checking the salinity, preparations for sowing can be done
Paddy (Virippu)	Management	Preparations for sowing can be done in the case of direct sowing or sowing in nursery for transplantation.
Coconut	Management	Ensure drainage, Apply 25-50 Kg organic manure after preparing basins with 1.8 m radius and 25 cm depth, coconut husk burial can be practiced to harvest maximum rain water, seeds of green manure crops can be sown in the basins.
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.
Pepper	Planting	Two rooted cuttings each can be planted in the pits prepared in advance