



Agromet Advisory Bulletin for Ernakulam District

(Valid from 29.06.2024 to 03.07.2024)

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	29.06.2024	30.06.2024	01.07.2024	02.07.2024	03.07.2024
Rainfall (mm)	10	8	11	11	5
Maximum temperature (°C)	29	31	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	92	92	92	90	90
Minimum Relative Humidity (%)	88	88	88	86	86
Wind speed (kmph)	3	3	3	3	3
Wind direction (deg)	290	290	270	290	290
Total cloud cover (octa)	6	4	8	5	4

Weather summary / Alert: - Thunderstorm with lightning is very likely to occur at one or two places in Kerala on 29th & 30th June and 01st & 02nd July 2024.

SMS:- As per the forecast of IMD, there is a chance of Moderate rainfall in the district. 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 before 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 rainy period. Provide supports for the bananas. Make the vegetable pandals stronger. Avoid standing in open areas to protect farmers and livestock from lightning and thunder.

Crop	-	Crop/ Animal Advisory
Paddy (Pokkali)	Management	The sprouted seeds to be sown on the top of the already prepared mounds and the seeds to be plastered with mud.
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

Animal Husbandry: - Cattle feed should be stored on a wooden board or iron board. If moisture is in the cattle feed it may cause deadly fungal growth. If leg lameness or fever was observed, immediate medical attention should be given. (CAADECCS, KVASU, Mannuthy)