



Agromet Advisory Bulletin for Ernakulam District

(Valid from 01.06.2024 to 05.06.2024)

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	01.06.2024	02.06.2024	03.06.2024	04.06.2024	05.06.2024
Rainfall (mm)	30	11	12	8	10
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	25	26	26	26	26
Maximum Relative Humidity (%)	100	100	100	100	100
Minimum Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	10	4	2	4	4
Wind direction (deg)	320	270	230	320	270
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: Thunderstorm with lightning accompanied by gusty winds, speed reaching 30-40 Kmph, is very likely to occur at one or two places in Kerala from 31st May to 02nd June 2024.

SMS: - As per the forecast of IMD, there is a chance of Moderate rainfall and heavy rainfall is expected in isolated places of the district. 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 in the crop field. 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	Pest/ Disease	Crop/ Animal Advisory
Rice (Pokkali)	Management	After strengthening the outer bunds, setting the sluices and drying the field, farmers can start preparing mounds and seeds can also be procured.
Coconut	-	One-kilogram lime can be applied per matured palm by opening the coconut basin.
Ginger	Rhizome rot	As a prophylactic measure to rhizome rot disease in ginger, soak ginger seeds in a solution of 3 grams of mancozeb mixed with one liter of water for 30 minutes and then plant it.
Vegetables	Management	Nurseries can be prepared for vegetables. Addition of pseudomonas culture to the soil at the time of planting of vegetables will help to reduce fungal diseases

Animal Husbandry: - Avoid waterlogged area for construction of poultry shed. Extend overhanging roof in order to avoid rainwater falling inside the shed. (CAADECCS, KVASU, Mannuthy)