



Agromet Advisory Bulletin for Ernakulam District

(Valid from 05.06.2024 to 09.06.2024)

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	05.06.2024	06.06.2024	07.06.2024	08.06.2024	09.06.2024
Rainfall (mm)	10	5	15	7	15
Maximum temperature (°C)	30	30	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	100	100	100	100	100
Minimum Relative Humidity (%)	77	77	77	77	77
Wind speed (kmph)	3	2	2	2	4
Wind direction (deg)	250	230	250	230	230
Total cloud cover (octa)	8	8	8	8	6

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 on 04 th & 05 th June 2024. Thunderstorm with lightning is very likely to occur at one or two places in Kerala on 06 th June 2024.

SMS: - As per the forecast of IMD, there is a chance of Moderate rainfall 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 during monsoon season. Proper drainage facilities have to be ensured in the crop field. Provide supports for the bananas. Make the vegetable pandals stronger. Pesticides should not be applied during rain. 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.
Banana	Sigatoka leaf spot disease	As a prophylactic measure to sigatoka leaf spot disease, spray 20g of pseudomonas in one litre of water. If Sigatoka attack is seen, spray one milli litre hexaconazole or one milli litre propiconazole per one liter of water on both the surface of the leaf.
Nutmeg	Leaf fall	As a precautionary measure to manage leaf fall during rainy season, spray 1% bordeaux mixture. Pesticides should not be applied during rain.
Pepper	Quick wilt	As a prophylactic measure to control quick wilt of pepper, add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to the base of each matured pepper vine

Animal Husbandry: - Keep the cattle shed and premises clean to avoid mosquito breeding. Avoid water logging near the cattle shed. The cow dung pit can be covered to protect from direct falling of rain. (CAAECCS, KVASU, Mannuthy)