



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 22.05.2024 to 26.05.2024)

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	22.05.2024	23.05.2024	24.05.2024	25.05.2024	26.05.2024
Rainfall (mm)	15	10	50	18	5
Maximum temperature (°C)	29	31	31	32	35
Minimum temperature (°C)	24	26	26	26	26
Maximum Relative Humidity (%)	96	96	96	96	96
Minimum Relative Humidity (%)	72	72	72	72	72
Wind speed (kmph)	2	2	3	2	4
Wind direction (deg)	200	200	110	270	270
Total cloud cover (octa)	8	8	8	8	7

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 21st to 23rd May 2024. Thunderstorm with lightning is very likely to occur at one or two places in Kerala on 24th and 25th May 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. Above normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agro meteorological Advisories

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 (virippu)	-	Land preparation and nursery for virippu paddy (Rainfed) can be started after summer rains. Seeds should be soaked in Pseudomonas solution @10g per one litre of water for one kg seeds for 30 minutes.
Coconut	-	During the beginning of southwest monsoon season, one-kilogram lime can be applied per matured palm by opening the coconut basin.
Ginger, Turmeric	Planting time	While preparing land for ginger and turmeric cultivations, apply 2 to 3 kg lime per cent. As a prophylactic measure against rhizome rot disease, the ginger and turmeric rhizome should be soaked in the 0.3 percent mancozeb or pseudomonas solution (3 gram per one litter of water) for 30 minutes. Moreover 90 kg FYM mixed with one kg Trichoderma and kept under shade for two weeks with sufficient moisture and can be applied.

Animal Husbandry: - Care should be taken to avoid fungal growth in the cattle feed. Take precautions to avoid ecto parasitic infestation. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy)