



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 19.06.2024 to 23.06.2024)

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	19.06.2024	20.06.2024	21.06.2024	22.06.2024	23.06.2024
Rainfall (mm)	12	8	6	5	30
Maximum temperature (°C)	30	30	31	31	31
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	64	64	64	64	64
Wind speed (kmph)	8	6	8	6	6
Wind direction (deg)	250	230	230	230	230
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: Thunderstorm with lightning is very likely to occur at one or two places in Kerala from 18th to 20th June 2024.

SMS: - As per the forecast of IMD, there is a chance of Moderate rainfall in the district. Below 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 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 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	Pest/ Disease	Crop/ Animal Advisory
Rice (virippu)	Thrips	To control thrips in rice, spray 2 gram of Thiomethoxam in 10 litre of water
Coconut	Lime application	One-kilogram lime can be applied per matured palm by opening the coconut basin.
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	Organic fertilization	At the beginning of the rainy season the first dose of fertilizer can be applied to pepper plants. A basin of 10 to 15 cm depth and 30 to 40 cm. diameter should be taken. 10 kg of manure or compost can be applied per plant and add some soil.

Animal Husbandry: - Deworm the animals after dung examination. 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)