



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 23.10.2024 to 27.10.2024)

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	23.10.2024	24.10.2024	25.10.2024	26.10.2024	27.10.2024
Rainfall (mm)	8	9	3	2	1
Maximum temperature (°C)	32	33	33	33	32
Minimum temperature (°C)	25	24	24	24	24
Maximum Relative Humidity (%)	93	93	93	93	93
Minimum Relative Humidity (%)	67	67	67	67	67
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	250	270	250	250	230
Total cloud cover (octa)	8	8	8	8	7

Weather summary / Alert: As per the forecast of IMD, there is a chance of moderate rainfall in isolated places of 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 to banana crops. Make the vegetable pandals stronger.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Seedling stage	Thrips	To control thrips in rice, spray 2 gram of Thiomethoxam in 10 litre of water.
	Leaf folder	There is a chance of Leaf folder attack in Mundakan Paddy. It can be controlled by using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water.
Pepper	Pollu disease	During high humidity, there is a chance of pollu disease in pepper plants. Control the shade in the garden and spray with 1% Bordeaux mixture.
Nutmeg	Leaf fall	During rainy season, there is a chance of leaf fall in nutmeg. As a prophylactic measure to manage leaf fall in nutmeg, spray 1% Bordeaux mixture or drench the basin. Proper drainage facilities have to be ensured

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. Vaccinate animals against foot and mouth disease. (CAADECCS, KVASU, Mannuthy).