



## Agromet Advisory Bulletin for PALAKKAD District

(Valid from 20.08.2024 to 24.08.2024)

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	20.08.2024	21.08.2024	22.08.2024	23.08.2024	24.08.2024
Rainfall (mm)	3	4	8	1	1
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	95	90	95	95	90
Minimum Relative Humidity (%)	70	70	75	70	70
Wind speed (kmph)	7	5	9	8	9
Wind direction (deg)	250	250	250	230	250
Total cloud cover (octa)	8	8	8	8	7

**Weather summary / Alert:** As per the forecast of IMD, there is a chance of light rainfall in the district. Normal to 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 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. To protect farmers and livestock from lightning and thunder avoid standing in open areas.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (virippu) Panicle initiation stage	Bacterial Leaf blight	To control and prevent bacterial leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas.
	Brown Plant Hopper (BPH)	There is a chance of brown plant hopper attack in rice. Spray 2 gram Thiamethoxam per ten litre of water.
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
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
Cucurbitaceous Vegetables	Downy mildew	During rainy season, there is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves. Pesticides should not be applied during rainy period.

**Animal Husbandry:** Vaccinate animals against foot and mouth disease. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy)