



## Agromet Advisory Bulletin for PALAKKAD District

(Valid from 07.09.2024 to 11.09.2024)

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	07.09.2024	08.09.2024	09.09.2024	10.09.2024	11.09.2024
Rainfall (mm)	1	0.5	1	4	2
Maximum temperature (°C)	33	33	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	95	90	90	95	95
Minimum Relative Humidity (%)	75	75	70	75	75
Wind speed (kmph)	10	7	9	10	6
Wind direction (deg)	250	250	250	250	250
Total cloud cover (octa)	6	6	6	8	8

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) Milky stage	Rice bug	There is a chance of appearance of rice bug in paddy. To control spray fish jaggery extract (20 ml/litre of water) or spray chitin based Pseudomonas fluorescens 20 gram in one litre of water. If the attack is severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water.
Rice (Mundakan)	Land preparation	Land preparations for mundakan paddy have started. Apply lime during nursery preparation. Seed treatment with pseudomonas can be done before sowing. (10 gram of pseudomonas for one kg of paddy seeds.)
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 and add 2.5 kg to the base of each matured pepper vine
Ginger	Rhizome rot	There is a chance of rhizome rot disease in ginger. As a prophylactic measure spray, 2 gram Copper oxychloride or 1.5 gram copper hydroxide per one litre of water.

Animal Husbandry: - Take precautions to avoid ectoparasitic infestation. If fever, shivering, brown coloured urine, off feed etc. are noticed, consult veterinary doctor immediately. Ensure sufficient supply of clean drinking water to the animals. (CAADECCS, KVASU, Mannuthy).