



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 27.07.2024 to 31.07.2024)

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	27.07.2024	28.07.2024	29.07.2024	30.07.2024	31.07.2024
Rainfall (mm)	18	12	20	10	13
Maximum temperature (°C)	29	30	30	30	30
Minimum temperature (°C)	24	24	24	24	23
Maximum Relative Humidity (%)	95	90	95	95	95
Minimum Relative Humidity (%)	83	80	80	75	80
Wind speed (kmph)	8	10	8	8	9
Wind direction (deg)	250	250	250	250	250
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert:- As per the forecast of IMD, there is a chance of moderate rainfall in 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 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) Seedling stage	Bacterial Leaf blight	During rainy season, to control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one liter of water and spray the supernatant liquid by mixing with 20g of pseudomonas. If the attack is severe spray 6 g of Streptocycline in 30 liter of water. Pesticides should not be applied during rain.
Nutmeg	Leaf fall	During rainy season, there is a chance of leaf fall disease in nutmeg, As a prophylactic measure spray 1% bordeaux mixture. Pesticides should not be applied during rain.
Banana	Rhizome rot	During rainy season, there is a chance of Rhizome rot in banana. As a prophylactic measure, drench the basin with 3 litre of pseudomonas solution (20g per one liter of water).

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. Foot and mouth disease (FMD) vaccination has to be given to the animal. If leg lameness or fever was observed, immediate medical attention should be given. (CAADECCS, KVASU, Mannuthy)