



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 11.10.2024 to 15.10.2024)

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	11.10.2024	12.10.2024	13.10.2024	14.10.2024	15.10.2024
Rainfall (mm)	3	2	15	2	1
Maximum temperature (°C)	33	32	32	32	32
Minimum temperature (°C)	25	24	24	24	24
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	7	6	4	4	6
Wind direction (deg)	230	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 isolated places of 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.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice(Mundakan) Seedling stage	-	One month after trans planting apply lime at 100 kg per acre.
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.
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.
Cucurbitaceous Vegetables	Downy mildew	There is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.

Animal Husbandry: - Precautions to be taken to avoid leptospirosis and ectoparasitic infestations. Care should be taken to avoid fungal growth in cattle feed. Deworm the animals after dung examination. (CAAECCS, KVASU, Mannuthy).