



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 16.10.2024 to 20.10.2024)

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	16.10.2024	17.10.2024	18.10.2024	19.10.2024	20.10.2024
Rainfall (mm)	3	2	4	1	7
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	69	69	69	69	69
Wind speed (kmph)	2	2	2	3	3
Wind direction (deg)	250	270	250	270	250
Total cloud cover (octa)	8	8	8	7	7

Weather summary / Alert: As per the forecast of IMD, there is a chance of moderate rainfall in 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	Transplanting	As a prophylactic measure, the root of seedlings can be soaked for 30 minutes in a solution of pseudomonas culture to control sheath blight, sheath rot, leaf spot disease etc. Spray 20 gram Pseudomonas in one litre of water before transplanting.
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	During high relative humidity, 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: - 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).