



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 29.10.2024 to 03.11.2024)

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	30.10.2024	31.10.2024	01.11.2024	02.11.2024	03.11.2024
Rainfall (mm)	0.2	0.1	0.5	3	1
Maximum temperature (°C)	34	34	33	33	33
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	4	4	4	4	4
Wind direction (deg)	270	270	270	250	250
Total cloud cover (octa)	5	5	5	7	8

Weather summary / Alert: As per the forecast of IMD, there is a chance of light 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	Leaf folder	There is a chance of Leaf folder attack in Mundakan Paddy. It can be controlled by using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water.
Banana	Fertilizer application	First dose fertilization can be done in banana. 65 gram urea, 325 gram rock phosphate and 110 gram muriate of potash can be applied to each banana.
Cucurbitaceous Vegetables Bitter gourd & Snake gourd	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: - 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. (CAADECCS, KVASU, Mannuthy).