



## Agromet Advisory Bulletin for PALAKKAD District

(Valid from 06.11.2024 to 10.11.2024)

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	06.11.2024	07.11.2024	08.11.2024	09.11.2024	10.11.2024
Rainfall (mm)	1	0.1	0.1	2	3
Maximum temperature (°C )	33	33	33	33	33
Minimum temperature (°C )	25	25	25	25	25
Maximum Relative Humidity (%)	96	96	96	96	96
Minimum Relative Humidity (%)	62	62	62	62	62
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	270	230	50	230	290
Total cloud cover (octa)	8	7	5	8	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.
Cowpea	Pod bug	There is a chance of pod bug attack in cowpea. It can be controlled by spraying 50 grams Neem extract per one liter of water. Or spray 20 grams of Beauria in one liter of water.
Snake gourd	Downy mildew	When relative humidity increases, there is a chance of downy mildew attack in snake gourd. Spray 2.5gm Mancozeb per one litre of water under the leaves.
Cucurbitaceous vegetables	Fruit fly	To control Fruit fly, remove and destroy affected and decayed fruits. Use special pheromone traps like cuelure (6 no. /acre) or palayankodan banana fruit traps for vegetable fruit fly. If the attack is not reduced, spray 2 ml Cyantraniliprole in one litre of water

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).