



## Agromet Advisory Bulletin for PALAKKAD District

(Valid from 09.11.2024 to 13.11.2024)

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

AAS Bulletin No: 45/2024, (90) Friday

Dated 08.11.2024

### A. Medium range weather forecast of IMD for next five days

Weather parameters	09.11.2024	10.11.2024	11.11.2024	12.11.2024	13.11.2024
Rainfall (mm)	2	0.1	0.1	0.3	0.1
Maximum temperature (°C)	34	34	34	34	34
Minimum temperature (°C)	27	27	27	27	27
Maximum Relative Humidity (%)	91	91	91	91	91
Minimum Relative Humidity (%)	61	61	61	61	61
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	230	90	90	110	340
Total cloud cover (octa)	8	6	6	5	4

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in isolated places of the district. Below normal rainfall is expected in Kerala.

### B. Agrometeorological Advisories for crop protection & management

#### C. General and Agro meteorological Advisories

Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. As the rain is decreasing proper mulching can be followed to conserve soil moisture.

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).