



## Agromet Advisory Bulletin for PALAKKAD District

(Valid from 11.12.2024 to 15.12.2024)

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	11.12.2024	12.12.2024	13.12.2024	14.12.2024	15.12.2024
Rainfall (mm)	0.1	0.1	4	5	0.1
Maximum temperature (°C)	33	33	31	31	31
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	88	88	88	88	88
Minimum Relative Humidity (%)	74	74	74	74	74
Wind speed (kmph)	3	3	3	4	4
Wind direction (deg)	290	320	90	90	90
Total cloud cover (octa)	3	3	7	5	4

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

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

#### General and Agrometeorological Advisories for Thrissur District

General Advisory: - Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. Provide sufficient drainage facilities in agricultural lands. Spraying should be done only on dry/clear weather conditions. Do not keep the harvested produces like rice, rubber and copra at open places. Proper mulching can be followed to conserve soil moisture

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Panicle initiation	Bacterial Leaf blight	To control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one liter of water and spray the supernatant liquid by mixing with 20g of pseudomonas. If the attack is severe spray 6 g of Streptocycline in 30 liter of water.
	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 Tetraniliprole @ 6 ml per ten litre of water.
Banana	Rhizome rot	There is a chance of Rhizome rot in banana. As a prophylactic measure, drench the basin with 3 litre of pseudomonas solution (20g per one liter of water).
Chilli	Mite	There is a chance for the attack of mites in chilly. Apply Spiromesifen 8 ml per10 litre of water.

Animal Husbandry: - Deworm the animals after dung examination. Vaccinate animals against foot and mouth disease. Care should be taken to avoid ecto parasitic infestation. (CAADECCS, KVASU, Mannuthy).