



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 11.01.2025 to 15.01.2025)

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	11.01.2025	12.01.2025	13.01.2025	14.01.2025	15.01.2025
Rainfall (mm)	0	0.1	0.1	0.5	0.1
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	86	86	86	86	86
Minimum Relative Humidity (%)	51	51	51	51	51
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	70	70	70	70	70
Total cloud cover (octa)	3	7	5	8	8

Weather summary / Alert: As per the forecast of IMD, there is a chance of very light rainfall in isolated places of the district. Since dry weather condition is prevails, irrigation of crops can be continued as per requirement. 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. Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. Since the wind speed may increase, give strong propping to banana and staking to vegetables. As the rain is decreasing proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Milky stage	Bacterial Leaf Blight	To control and prevent Bacterial leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas. If the attack is severe spray 6 g of Streptocycline in 20 litre of water.
	Brown Plant Hopper (BPH)	There is a chance of Brown plant hopper attack in rice. Spray Imidacloprid 3ml per ten litre of water or Thiamethoxam 2 gram per ten litre of water.
Cowpea	Powdery mildew	During winter season, there is a chance of powdery mildew in cowpea. It can be controlled by spraying two gram wettable sulphur in one litre of water. Or carbendazim two gram per one litre of water.
Cowpea	Pod borer	There is a chance of pod borer attack in cowpea. It can be controlled by spraying 50 grams Neem seed kernel extract per one litre of water. Or spray 20 grams of <i>Beauveria</i> in one litre of water.

Animal Husbandry: Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. Ensure sufficient supply of clean drinking water to the animals. (CAAECCS, KVASU, Mannuthy).