



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 15.02.2025 to 19.02.2025)

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	15.02.2025	16.02.2025	17.02.2025	18.02.2025	19.02.2025
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	35	35	35	35	35
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	76	76	76	76	76
Minimum Relative Humidity (%)	45	45	45	45	45
Wind speed (kmph)	2	4	6	6	4
Wind direction (deg)	90	70	70	50	70
Total cloud cover (octa)	5	6	3	3	3

Weather summary / Alert: Since dry weather condition is prevails, irrigation of crops can be continued as per requirement. Below 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. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Maturity stage	Rice bug	There is a chance of appearance of rice bug in paddy. To control spray fish jaggery extract (20 ml/litre of water) or spray chitin based Pseudomonas fluorescens 20 gram in one litre of water. If the attack is severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water.
Brinjal	Shoot and Fruit Borer	There is a chance of shoot and fruit borer attack in brinjal. To control them, remove damaged shoot and fruits from the field. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water.
Chilli	Mite	There is a chance for the attack of mites in chilly. Apply Spiromesifen 8 ml per 10 litre of water.

Animal Husbandry: Ensure sufficient supply of clean drinking water to the animals. Allow the animal to graze early in the morning or in the evening to avoid direct sunlight. It is better to graze in the evening itself. (CAADECCS, KVASU, Mannuthy).