



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 27.12.2025 to 31.12.2025)

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	27.12.2025	28.12.2025	29.12.2025	30.12.2025	31.12.2025
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	45	45	45	45	45
Wind speed (kmph)	4	4	3	4	4
Wind direction (deg)	70	90	90	20	50
Total cloud cover (octa)	3	4	3	5	8

Weather summary / Alert: - Since dry weather condition is prevailed, 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 Palakkad District

General Advisory: - Ensure soil water conservation by mulching the crops as high temperatures continue to rise. Irrigate the crops according to their needs.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Bootning stage	Smut disease	In those rice fields where the weather is cloudy and the plants are in booting stage, management measures can be adopted as a precaution against false smut disease which will be affecting during panicle initiation. For this, spray Propiconazol at 1 ml/L of water. Also destroy the straw and stubble from the infected plants.
Pepper	Quick wilt and pollu disease	Regulate the shade in pepper gardens. Drench the soil with 0.2% copper oxy chloride and spray the aerial part with 1% Bordeaux mixture as a prophylactic measure to control quick wilt and pollu disease of pepper.
Cabbage	Caterpillar attack	To avoid the chances of caterpillar attack in cool season vegetables crops, spray Azadirachtin containing pesticides at recommended dose.

Animal Husbandry: - Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. If needed give medicine against worm infestation after dung examination. (CAADECCS, KVASU, Mannuthy).