



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 03.01.2026 to 07.01.2026)

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	03.01.2026	04.01.2026	05.01.2026	06.01.2026	07.01.2026
Rainfall (mm)	0.4	0.1	0	0	0
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	3	4	4	4	3
Wind direction (deg)	90	90	70	70	70
Total cloud cover (octa)	5	4	3	3	3

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) Flowering stage	Bacterial leaf blight	During cloudy weather condition, there is a chance for the development of bacterial leaf blight disease in paddy field. If the bacterial leaf blight disease is noticed in the main field, put small pouch of bleaching powder at 2kg per acre in the main field water. If the disease becomes severe, spray a solution of streptocyclin at 2g per 10 litter of water
Coconut	Management	To conserve soil moisture, it is a desirable practice to bury fresh or dried coconut husk around the palm. The husk can be buried either in linear trenches taken 3 meter away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 meter from the trunk. The trenches may be of 0.5 meter width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5 to 7 years. Instead of husk, coir pith can be buried @ 25 kg/palm/year.
Vegetables	Powdery mildew	To manage powdery mildew disease of vegetables, spray wettable Sulfur at 2g per litre of water. Since there is increased chances of scorching in cucurbits due to the spraying of sulfer during higher temperature conditions, care should be taken to spray the same only during evening hours.

Animal Husbandry: - If the poultry cage is completely made up of iron mesh, give proper shade to them and give more water for drinking.