



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 20.08.2025 to 24.08.2025)

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	20.08.2025	21.08.2025	22.08.2025	23.08.2025	24.08.2025
Rainfall (mm)	4	2	4	3	4
Maximum temperature (°C)	27	27	27	27	27
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	90	90	90	90	90
Wind speed (kmph)	4	4	4	4	6
Wind direction (deg)	250	250	230	230	250
Total cloud cover (octa)	8	7	7	8	8

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

B. Agrometeorological Advisories for crop protection & management

General and Agrometeorological Advisories for Palakkad District

General Advisory: -Make proper drainage facilities in the crop fields. Give propping to the plants and make it stronger. Harvest the matured crop fields as early as possible. Make the land free from weeds, dried leaves and diseased plants to avoid the attack of pests and disease.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (virippu) Panicle initiation stage	Bacterial Leaf blight	During rainy season, 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. Pesticides should not be applied during rainy period.
Banana	Pseudo stem weevil	Against pseudostem weevil attack, place pseudostem traps after applying Beauveria on the cut portion of logs. If the attack becomes severe, spray Chlorpyrifos (2.5 ml per L) or Quinalfos (2 ml per L) between the leaf axils.
Pepper	Quick wilt	Apply Trichoderma multiplied in cow dung – neem cake mixture at 5kg per vine in the basins of black pepper to reduce the quick wilt disease of pepper. For preparing this, mix 1-2 kg Trichoderma, 90 kg cow dung and 10 kg neem cake. Sprinkle some water over it and mix it again thoroughly. Make small heaps of this mixture in areas with proper shade and cover it with polythene sheets. After one week, again mix it after sprinkling water. Cover again with polythene sheets for one more week. Finally this can be used for field application.

Animal Husbandry: - The recommended area for one goat is 1m² while preparing the goat shed. However, when this is not the case, respiratory infections occur during the monsoon season when they are overcrowded. It is characterized by a thick white and yellowish liquid coming out of the mouth and nose. If you notice any of these symptoms, be sure to seek appropriate treatment immediately.