



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 06.12.2025 to 10.12.2025)

*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	06.12.2025	07.12.2025	08.12.2025	09.12.2025	10.12.2025
Rainfall (mm)	0.5	0.1	0.1	0.1	0.1
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	26	26	26	26	26
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	4	3	3	3	3
Wind direction (deg)	90	290	250	70	70
Total cloud cover (octa)	6	5	5	5	5

Weather summary / Alert:-As per the forecast of IMD, there is a chance of light rainfall in isolated places of the district. Thunderstorm accompanied by lightning is very likely to occur at one or two places in Kerala. Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

General and Agrometeorological Advisories for Palakkad District

General Advisory: - Fertilizer application should be done only based on the soil test results. As the crops cannot take up the nutrients from the acidic soil, apply recommended dose of fertilizers 10 days after the lime application.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice(Mundakan) Panicle initiation stage	Sheath blight	There is a chance for the development of sheath blight disease in rice. The symptoms will start at the lower leaf sheath as greyish spots on the upper part of the sheath which will spread on the leaves and leaves will dry in severe cases. As a precaution, apply Trichoderma at 1kg per acre along with the organic manure after one week of transplanting and also spray the same at 10g per liter of water after one month of transplanting. If it becomes severe, spray propiconazole at 1ml per liter.
Coconut	Whitefly	To control the whitefly attack on the coconut leaves, beneficiary insects are available in the nature itself. If there is severe attack, spray 1% Azadirachtine (2ml/l) emulsion or 2% neem oil emulsion on the leaves. Apply starch solution to control sooty mould attack on the leaves.
Banana	Pseudostem weevil	Against pseudostem weevil attack spray Nanma 5% at 50ml per liter covering the whole plant when the plant attains 4-5 months after planting. Before spraying, clean the plant by removing dried and drooping leaves. If the infestation is noticed, inject Menma at 5ml per injection at three locations around the infestation point.

Animal Husbandry: - Take precautions to avoid ectoparasitic infestation. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy).