



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 02.07.2025 to 06.07.2025)

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	02.07.2025	03.07.2025	04.07.2025	05.07.2025	06.07.2025
Rainfall (mm)	1	0.5	2	2	0.3
Maximum temperature (°C)	31	32	32	32	32
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	86	86	86	86	86
Wind speed (kmph)	4	4	3	3	3
Wind direction (deg)	290	320	320	320	250
Total cloud cover (octa)	5	6	6	5	5

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of light rainfall in the district. Strong winds with speed reaching likely to prevail occasionally over Kerala from 01st to 03rd July 2025. Below 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)	Management	For paddy, apply lime at 140 kg/acre 10 days before basal dose of fertilizer application. Application of fertilizers should be based on soil test results. As a general recommendation, for medium duration varieties, apply 90kg rajphos, 40kg urea and 15kg potash as basal dosage for one acre along with the last ploughing. For those fields where water management is a problem, apply these fertilizers within 10 days after transplanting.
Banana	zigatoka disease	Spray pseudomonas at 20g/L against zigatoka disease of banana. If there is severe attack, spray 1ml/L solution of propiconazole during clear weather conditions.
Arecanut	Mahali disease	Because of high moisture content in the atmosphere, there is a chance for the development of mahali disease in arecanut and coconut. In this disease, rotting of the nuts starts from the perianth and extending to affect whole portion. Finally, shedding of the immature nuts will happen and scattered shedded nuts at the base of the plant will be completely rotted. For managing this, spraying should be done with copper oxy chloride at 3g per liter of water.
Coleus	Planting time	Plant the cuttings of coleus in the main field between July and October. To get the required number of vines, the tubers are raised in nursery. About 68 to 80 kg of tubers is required to raise the nursery for one acre. The main field is ploughed or digged to a depth of 15 – 20 cm. Form ridges 30 cm apart or raised beds of 60 – 90 cm width. Organic manure at 40 kg/cent is added at the time of planting.

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.