



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 14.06.2025 to 18.06.2025)

*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	14.06.2025	15.06.2025	16.06.2025	17.06.2025	18.06.2025
Rainfall (mm)	30	34	40	50	50
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	15	12	12	15	15
Wind direction (deg)	230	230	230	230	230
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: - As per the forecast of IMD, there is a chance of Moderate rainfall in the district and heavy rainfall is expected in isolated places. Strong winds with speed occasionally reaching 40-50 kmph on 13th to 17th June 2025 and with speed reaching occasionally 50-60 kmph from 14th to 16th June 2025 is likely to prevail over Kerala. Above normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

General and Agrometeorological Advisories for Palakkad District

General Advisory: - Spraying and fertilizer application should be done during clear weather conditions. Since the chances of pest and disease development is higher, field should be monitored regularly and try to control the pest and disease infection at the early stage itself.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (virippu)	Management	To control the diseases in the nursery, spray pseudomonas at 20g/L on the seedlings.
Coconut	Bud rot	As a prophylactic measure against bud rot of coconut in this rainy season, spray copper oxy chloride at 3g/L or place 3 nos. of Trichoderma enriched neem cake at leaf axils around the bud region.
Banana	Sigatoka 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.
Vegetable	Planting	Vegetable seedlings can be transplanted during this time. For this, apply 1 to 3 kg lime or dolomite for one cent area as per soil test result. After 10 days, apply a mixture of bone meal and neem cake along with farm yard manure enriched with trichoderma at 50kg per cent as basal dose. After 3 days of application, apply fertilizers viz. 330g urea, 800g rajphos and 85g potash per cent area for different varieties of brinjal, chilli and tomato as basal dose.

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.