



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 17.09.2025 to 21.09.2025)

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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Dated 16.09.2025

A. Medium range weather forecast of IMD for next five days

Weather parameters	17.09.2025	18.09.2025	19.09.2025	20.09.2025	21.09.2025
Rainfall (mm)	0.8	1	1	0.5	0.1
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	91	91	91	91	91
Minimum Relative Humidity (%)	64	64	64	64	64
Wind speed (kmph)	6	6	8	6	5
Wind direction (deg)	230	230	200	200	200
Total cloud cover (octa)	8	8	8	7	7

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of light rainfall in the district. Below normal rainfall is expected in Kerala. Thunderstorm with lightning is very likely to occur at one or two places over Kerala from 16th to 18th September 2025.

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. It is better to manage the pest and diseases by the nearby farmers together to avoid further development of the same attack.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (virippu) Milky stage	Stem borer	As a prophylactic measure against stem borer attack of rice, place 2cc egg cards of Trichogramma japonicum for one acre area. If the adult flies are noticed in the field, apply granular insecticide cartap hydrochloride at 5kg per acre or Chlorantraniliprol 0.4 Gat 4 kg per acre.
Coconut	Foot rot	As a prophylactic control against foot rot disease of coconut, apply 50 g Trichoderma by mixing it with organic manures for each palm.
Mango	Die back disease	There is a chance for the development of die back disease of mango after the rain. If this is noticed in mango, spray copper oxy chloride solution at 3g/L.

Animal Husbandry: During this rainy season, there is a chance for the development of respiratory infections in cattle. Early detection of symptoms and proper diagnosis should be done as far as possible.