



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 18.10.2025 to 22.10.2025)

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 17.10.2025

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

Weather parameters	18.10.2025	19.10.2025	20.10.2025	21.10.2025	22.10.2025
Rainfall (mm)	2	2	3	2	1
Maximum temperature (°C)	31	31	31	30	30
Minimum temperature (°C)	25	25	25	24	24
Maximum Relative Humidity (%)	90	90	90	98	98
Minimum Relative Humidity (%)	85	85	85	90	90
Wind speed (kmph)	2	3	2	2	3
Wind direction (deg)	70	90	70	160	110
Total cloud cover (octa)	8	7	8	7	7

Weather summary / Alert: - As per the forecast of IMD, there is a chance of moderate rainfall in isolated places of the district. Above normal rainfall is expected in Kerala. Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala from 17th to 21st October 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 (Mundakan) Seedling stage	Management	Within 10 days after transplanting, 4kg Londax power for one acre can be applied by mixing it with 1st fertilizer dose in those fields where there is no basal application is carried out. If the basal application is done, it can be applied by mixing with sand. Or, can apply Butachlor + Penoxulam at 800ml per acre within 6-8 days either after transplanting or direct sowing. Or, can apply Pyrazosulfuron at 80-120 gm per acre. During wet seeding, weedy rice can be controlled by spraying Oxyflourfen at 1.5ml per L after flooding the prepared field and go for sowing after 4 hours.
Cowpea	Aphid	To control the attack of aphids in cowpea, apply 2% neem oil emulsion once in a week or by spraying Lecanicillium lecani at 20 gm per litre of water.
Mango	Hopper	Hopper attack is noticed in mango orchards. As a precaution to this, spray metarhizium at 20g/L water. If the attack was noticed, spray 1% Azadirachtin at 2ml per liter of water or Thiamethoxam at 2g/10L of water.

Animal Husbandry:- Thoroughly wash the udder of the cow and hands of milking person prior to milking. Dip the teats in 1:1000 potassium permanganate solution after milking.