



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 04.10.2025 to 08.10.2025)

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

Weather parameters	04.10.2025	05.10.2025	06.10.2025	07.10.2025	08.10.2025
Rainfall (mm)	0.5	0.2	0.3	0.1	0.1
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	89	89	89	89	89
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	6	2	2	3	3
Wind direction (deg)	230	230	250	250	250
Total cloud cover (octa)	8	7	8	6	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 03rd to 05th 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)	Blast disease	Intermittent rainfall will increase the chances of blast disease in rice. It was already found in some of the nurseries in the district. Eye shaped lesions will form initially in the leaves which will merge together and the leaves will dry off finally. As a precaution, spray pseudomonas at 20g per L. If the incidence was noticed, spray isoprothiolane 40 EC at 1.5ml per L.
Rice (virippu)) Maturity stage	Glume discolouration	There is a chance of glume discolouration in rice. To control this, spray 2 gram Copper Hydroxide (Kocide) per one litre of water.
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:-Avoid the situation of waste waterlogging in the cattle shed since it will enhance the development of mastitis.