



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 22.10.2025 to 26.10.2025)

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	22.10.2025	23.10.2025	24.10.2025	25.10.2025	26.10.2025
Rainfall (mm)	27	45	17	14	16
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	2	3	3	2	3
Wind direction (deg)	270	180	250	230	250
Total cloud cover (octa)	8	8	8	7	8

Weather summary / Alert: As per the forecast of IMD, there is a chance of moderate rainfall in the district and heavy rainfall in isolated places. 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 21 st to 25 th 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	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 G at 4 kg per acre.
Amorphophallus	Foot rot disease	There is a chance for the development of foot rot disease in amorphophallus. Rotting of the basal part and yellowing of leaves are the main symptoms of this disease. For controlling this, drench the base with Trichoderma at 20g/L or Copper oxychloride at 3g/L.
Vegetables	Management	A mixture of Trichoderma enriched organic fertilizer along with bone meal, neem cake etc. at 50kg per cent can be applied as basal dose for vegetable cultivation. It is better to spray the vegetables with bio fertilizers like Azospirillum, VAM etc. during morning or evening hours at weekly intervals.

Animal Husbandry:- Animal should not be allowed to graze in open grazing lands to avoid lightening risk. Vaccinate animals against foot & mouth disease and haemorrhagic septicaemia