



## Agromet Advisory Bulletin for PALAKKAD District

(Valid from 07.05.2025 to 11.05.2025)

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	07.05.2025	08.05.2025	09.05.2025	10.05.2025	11.05.2025
Rainfall (mm)	5	4	4	6	5
Maximum temperature (°C )	35	37	37	37	37
Minimum temperature (°C )	27	26	26	25	25
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	3	3	3	3	3
Wind direction (deg)	230	250	250	230	230
Total cloud cover (octa)	8	8	8	8	7

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of light rainfall in the district. Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala on 06<sup>th</sup> to 10<sup>th</sup> May 2025. Normal to above normal rainfall is expected in Kerala.

Maximum temperatures are very likely to be around 37°C in 6<sup>th</sup> May 2025. Hot & Humid weather is very likely to prevail over the district except in hilly areas due to high temperature and humidity.

### B. Agrometeorological Advisories for crop protection & management

#### General and Agrometeorological Advisories for Palakkad District

General Advisory: - Proper mulching can be followed to conserve soil moisture. Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk in the coconut basin to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (virippu)	Management	It is recommended to sow dhaincha seeds in the paddy field before virippu planting.
Puncha rice (Maturity stage)	Brown Plant Hopper (BPH)	There is a chance of brown plant hopper attack in rice. Spray 2 gram Thiamethoxam per ten litre of water.
Coconut & Arecanut	Management	Pits can be taken for planting seedlings of coconut and arecanut.
Pepper	Management	Pits can be taken for planting seedlings of pepper. Fill the pits with a mixture of top soil and compost or well rotten manure @5 kg per pit and 50 gram of Tricoderma.
Ginger, Turmeric	Planting time	While preparing land for ginger and turmeric cultivations, apply 2 to 3 kg lime per cent. As a prophylactic measure against rhizome rot disease, the ginger and turmeric rhizome should be soaked in 0.3% mancozeb or pseudomonas solution (3 gram per one litre of water) for 30 minutes.
Vegetables	Management	Addition of pseudomonas culture to the soil at the time of planting of vegetables will help to reduce fungal diseases

Animal Husbandry: - Precautions to be taken to avoid leptospirosis and ectoparasitic infestations. Care should be taken to avoid fungal growth in cattle feed. Deworm the animals after dung examination. (CAADECCS, KVASU, Mannuthy).