



## Agromet Advisory Bulletin for PALAKKAD District

(Valid from 30.07.2025 to 03.08.2025)

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	30.07.2025	31.07.2025	01.08.2025	02.08.2025	03.08.2025
Rainfall (mm)	4	2	1	2	7
Maximum temperature (°C)	32	32	30	30	30
Minimum temperature (°C)	24	24	23	23	23
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	3	2	4	4	4
Wind direction (deg)	270	180	250	270	340
Total cloud cover (octa)	5	6	8	7	8

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of light rainfall in the district. Strong winds speed reaching likely to prevail occasionally over Kerala from 29th, 30th July 2025. Above normal rainfall is expected in Kerala.

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

#### General and Agrometeorological Advisories for Palakkad District

General Advisory: -Make proper drainage facilities in the crop fields. Give propping to the plants and make it stronger. Harvest the matured crop fields as early as possible. Make the land free from weeds, dried leaves and diseased plants to avoid the attack of pests and disease.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (virippu) Tillering stage	Case worm	To reduce the attack of case worm in rice fields, drain the water from the field after pulling the rope across the field. In those rice fields where drainage is a problem, apply a mixture of 25 kg saw dust and 1L kerosene oil/engine oil (75 kg saw dust for one acre) in the field.
Banana	Sigatoka disease	Spray pseudomonas at 20g/L against sigatoka disease of banana. If there is severe attack, spray 1ml/L solution of propiconazole.
Brinjal	Shoot borer	To control the shoot borer attack of brinjal, spray 5% neem seed kernel extract or any Bacillus thuringiensis formulations along with jaggery during clear weather.
Arecanut	Mahali	Because of high moisture content in the atmosphere, there is a chance for the development of mahali disease in arecanut and coconut. In this disease, rotting of the nuts starts from the perianth and extending to affect whole portion. Finally, shedding of the immature nuts will happen and scattered shedded nuts at the base of the plant will be completely rotted. For managing this, spraying should be done with copper oxy chloride at 3g per liter of water.

Animal Husbandry: - Presence of moisture on the floor and water vapour will increase the chances of diseases. Moisture content in the bedding material will release ammonia gas which will be harmful to the hen. Therefore stir the material regularly to reduce the moisture content