



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 24.07.2025 to 28.07.2025)

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	24.07.2025	25.07.2025	26.07.2025	27.07.2025	28.07.2025
Rainfall (mm)	15	20	22	30	25
Maximum temperature (°C)	27	27	27	27	27
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	90	90	90	90	90
Wind speed (kmph)	4	4	3	3	3
Wind direction (deg)	270	290	270	250	250
Total cloud cover (octa)	8	8	8	8	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. Strong winds speed reaching likely to prevail occasionally over Kerala from 23rd to 24th 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	Gall midge	Due to the water logged condition, there may be a chance for the development of gall midge attack in the paddy field. Symptom is the conversion of central shoot into a gall like structure (Silver shoot) as a result of feeding nature of maggot. If the attack was noticed in the field, apply Fipronil 0.3G at 6kg per acre in the field.
Ginger	Rhizome rot	There is a chance for the development of rhizome rot disease in ginger. The collar region of the pseudostem becomes water – soaked, soft and rotten. This result in collapse of the tillers and the decay of the rhizomes. If it is noticed, drench the solution of Copper oxy chloride at 3g/L during clear weather.
Amorphophallus	Foot rot	There is a chance for the development of foot rot disease in amorphophallus during this rainy season. 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.

Animal Husbandry: - Deworm the animals after dung examination. Take precautions to avoid ecto parasitic infestation. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy)