



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 06.08.2025 to 10.08.2025)

*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	06.08.2025	07.08.2025	08.08.2025	09.08.2025	10.08.2025
Rainfall (mm)	25	30	10	5	2
Maximum temperature (°C)	29	30	32	32	32
Minimum temperature (°C)	24	25	25	25	25
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	76	76	76	76	76
Wind speed (kmph)	4	10	8	4	3
Wind direction (deg)	230	250	250	250	230
Total cloud cover (octa)	8	7	8	7	7

Weather summary / Alert: - As per the forecast of IMD, there is a chance of heavy rainfall in isolated places of the district. Strong winds speed reaching likely to prevail occasionally over Kerala from 05th, and 06th August 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	Leaf folder	The chance of development of leaf folder attack in rice fields is higher during this time. As a precaution, place egg cards of Trichogramma chilonis at 2cc per acre for a period of 5 weeks continuously starting from 3rd week after transplanting. If the attack is noticed, spray a solution of suitable formulation of Bacillus thuringiensis at 1g per liter of water along with jaggery. Otherwise, we can spray Chlorantraniliprole 18.5 SC at 3ml per 10 liter of water during clear weather.
Bhindi	Leaf spot	Leaf spot disease was observed in bhindi. To control this disease, spray Trichoderma at 3g/L of water. If the disease becomes severe, spray Mancozeb at 3g/L of water
Vegetables	Management	There is a chance for the development of damping off disease while planting vegetable seedlings. For this, make sure about the drainage facilities in the crop field before planting. Apply lime according to the soil test based results. Sow the pretreated seeds in trichoderma culture (20g/L) for 12 hours or apply cowdung/ neem cake enriched with trichoderma in the potting mixture. Drench 1% Bordeaux mixture in the soil after the seedling sprout.

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