



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 15.08.2025 to 19.08.2025)

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	15.08.2025	16.08.2025	17.08.2025	18.08.2025	19.08.2025
Rainfall (mm)	10	8	9	12	10
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	6	6	8
Wind direction (deg)	250	230	230	230	230
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. Normal to 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) Panicle initiation stage	Lakshmi disease	Lakshmi disease or False smut is a fungal disease that affect rice plants before panicle initiation. The disease is usually seen in overcast conditions. Although the present weather is dry, there is a chance for the development of the disease in places where the weather is overcast for 2 to 3 days. The symptom is that some of the grains turn yellow balls and become cottony. As a precaution, spray Propiconazol at 1 ml/L of water during panicle initiation stage.
Coconut	Rhinoceros beetle	Crown cleaning and crown filling with 200g sand and neem cake mixture (10:1 ratio) should be carried out for the management of rhinoceros beetle. Spray a solution of 250 g Metarhizium in 750 ml water in those breeding sites like cow dung pits. Also incorporate the leaves of Clerodendron infortunatum in these pits.
Banana	Management	There is a chance for the development of Ca, Mg and Boron deficiencies in the banana plantations. In the absence of these elements, the newly formed leaves fails to open and will tear. To control this deficiency problem, for two months old plantations, spray the multinutrient mixture KAU sampoorana at 10g 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