



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 27.08.2025 to 31.08.2025)

*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	27.08.2025	28.08.2025	29.08.2025	30.08.2025	31.08.2025
Rainfall (mm)	0.1	0.5	1	0.5	1
Maximum temperature (°C)	33	32	32	32	32
Minimum temperature (°C)	24	25	25	25	25
Maximum Relative Humidity (%)	90	95	95	95	95
Minimum Relative Humidity (%)	70	80	80	80	80
Wind speed (kmph)	8	6	6	4	4
Wind direction (deg)	230	250	230	250	230
Total cloud cover (octa)	7	8	8	8	8

Weather summary / Alert: - As per the forecast of IMD, there is a chance of light rainfall in the district. Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

General and Agrometeorological Advisories for Palakkad District

General Advisory: - Irrigate the crops according to their needs and mulch properly. Adopt proper management practices at the earliest as there is a higher chance of pest and disease incidence

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (virippu) Panicle initiation stage	Rice Bug	There is a chance for the attack of rice bug during the panicle emergence stage of paddy field. To control this, spray a solution of fish amino acid at 20ml per liter of water at this 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	Pseudostem weevil	Against pseudostem weevil attack, place pseudostem traps after applying Beauveria on the cut portion of logs. If the attack becomes severe, spray Chlorpyrifos (2.5 ml per L) or Quinalfos (2 ml per L) between the leaf axils.

Animal Husbandry: - Feed sacs should be placed on the top of wooden planks or iron stands instead of placing along the wall. Increased moisture content in the feed will lead to severe fungal toxicity to the cattle.