



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 19.07.2025 to 23.07.2025)

*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	19.07.2025	20.07.2025	21.07.2025	22.07.2025	23.07.2025
Rainfall (mm)	35	30	30	15	10
Maximum temperature (°C)	28	28	28	28	28
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)	5	4	4	3	3
Wind direction (deg)	270	270	270	270	270
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 18th to 21st 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) Seedling satge	Stem borer	As a prophylactic measure against stem borer attack of rice, place 2cc egg cards of Trichogramma japonicum for one acre area. If the adult flies are noticed in the field, apply granular insecticide cartap hydrochloride at 5kg per acre or Chlorantraniliprol 0.4 G at 4 kg per acre.
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.
Vegetables	Management	Application of liquid bio fertilizers like harithakashaayam (10% for soil application and 5% for foliar spraying), fish aminoacid (3ml per litter water) and panchagavya (30ml per litter water) in the vegetables at an interval of two weeks will help the plants to flower as well as for getting resistance to pest and diseases.

Animal Husbandry: -Clean the cattle shed and its surroundings to avoid the situation of water stagnation to make it free from mosquitoes. Cover the cow dung pit properly from direct rainfall.