



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 11.10.2025 to 15.10.2025)

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	11.10.2025	12.10.2025	13.10.2025	14.10.2025	15.10.2025
Rainfall (mm)	1	0.5	0.3	1	0.5
Maximum temperature (°C)	34	34	34	34	34
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	84	84	84	84	84
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	2	2	2	2	3
Wind direction (deg)	250	250	230	250	230
Total cloud cover (octa)	8	8	8	8	7

Weather summary / Alert: - As per the forecast of IMD, there is a chance of light rainfall in the district and moderate rainfall in isolated places. Below normal rainfall is expected in Kerala. Thunderstorm accompanied by lightning is very likely to occur at one or two places over Kerala from 10th to 13th October 2025.

B. Agrometeorological Advisories for crop protection & management

General and Agrometeorological Advisories for Palakkad District

General Advisory: - Spraying and fertilizer application should be done during clear weather conditions. Since the chances of pest and disease development is higher, field should be monitored regularly and try to control the pest and disease infection at the early stage itself. It is better to manage the pest and diseases by the nearby farmers together to avoid further development of the same attack.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Seedling stage	Brown plant hopper	The attack of brown plant hopper was noticed in the rice field. Practice alternate wetting and drying in the field. Also we can apply a mixture of 75 kg saw dust and 3L kerosene oil/engine oil per acre in the field against the hopper. Or apply neemcake at 60 kg per acre in the field. If the attack becomes severe, spray a solution of Acephate at 1.6 g per liter of water.
Banana	Management	Apply 90g urea, 325g rajphos and 100g potash for nendran banana variety after one month of planting. For tissue culture banana, apply 110g urea, 360g rajphos and 120g potash one month after planting and for other banana varieties, apply 195g urea, 500g rajphos and 300g potash two months after planting.
Tapioca	Management	This is the best time for planting tapioca in those place with enough rainfall. For preparing each mound, mix the soil with approximately 1 kg organic manure, 50 g rock phosphate, half portion of recommended dose of urea and potash (according to the variety) and make raised mounds for planting. Plant 15-20 cm long healthy tapioca setts such that 5cm of the basal portion will be under the soil. The spacing should be nearly 1 meter between the mounds for the normal braching varieties. Make proper drainage facilities and make sure enough soil moisture since the continuous irrigation adversely affecting the growth.

Animal Husbandry:- • Thoroughly wash the udder of the cow and hands of milking person prior to milking. Dip the teats in 1:1000 potassium permanganate solution after milking.