



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 05.04.2025 to 09.04.2025)

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	05.04.2025	06.04.2025	07.04.2025	08.04.2025	09.04.2025
Rainfall (mm)	10	30	5	3	0.5
Maximum temperature (°C)	34	34	34	34	34
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	3	3	4	3	3
Wind direction (deg)	270	270	230	90	200
Total cloud cover (octa)	8	8	8	8	8

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

B. Agrometeorological Advisories for crop protection & management

General and Agrometeorological Advisories for Palakkad District

General Advisory: - Proper mulching can be followed to conserve soil moisture. Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Puncha rice (Milky stage)	Management	Ensure water availability in paddy fields. The micronutrient deficiency of paddy can be managed by spraying 10 gram of paddy sampurna in one litter of water.
Banana	Mites	Since dry weather condition is prevailed, there is a chance of mites attack in banana. Apply Wettable sulphur three gram per one litre of water.
Pepper	Slow wilt	To control the slow wilt disease in pepper, apply neem cake at the base of pepper plants. Also apply 25 grams of the bio control agent <i>Pisilomyces lilacinus</i> at the base of each plant. If the attack is severe, drench the basin of each plant with three gram Copper Oxy Chloride (COC) per one litre of water.
Tuber crops	Management	Tuber crops like <i>Amorphophallus</i> , <i>Colocasia</i> , and Greater Yam etc. can be planted in areas that received summer rains.

Animal Husbandry: - During cloudy condition, avoid bathing the cow and washing the cattle shed, otherwise more heat will be build up. Provide proper air circulation using fans in cattle shed. Assure increased ventilation in the cattle shed. Ensure sufficient supply of clean drinking water to the animals. (CAADECCS, KVASU, Mannuthy).