



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 09.04.2025 to 13.04.2025)

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	09.04.2025	10.04.2025	11.04.2025	12.04.2025	13.04.2025
Rainfall (mm)	0.3	3	2	0.2	0.1
Maximum temperature (°C)	36	36	36	36	36
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	86	86	86	86	86
Minimum Relative Humidity (%)	68	68	68	68	68
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	90	320	320	290	250
Total cloud cover (octa)	5	8	5	5	5

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of light rainfall in the district. Thunderstorm accompanied by lightning is very likely to occur at one or two places in Kerala from 08 th to 11 th April 2025. Above normal rainfall is expected in Kerala.

Maximum temperatures are very likely to be around 37 °C in 08 th & 09 th April 2025. Hot & Humid weather is very likely over these districts except in hilly areas on 08th and 09th April 2025 due to high temperature and humidity.

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 in the coconut basin to conserve soil moisture

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Puncha rice (Dough stage)	Sheath Blight	To control sheath blight disease in rice, spray 4 gram of Trifloxystrobin + Tebuconazole mixture in ten litres of water.
Rice (virippu)	Management	It is recommended to sow dhaincha seeds in the paddy field before virippu planting.
Okra (Bhindi)	Mosaic disease	There is a chance of mosaic disease in bhindi. It can be controlled by removing the infected plants. Place yellow sticking traps in field to control the insect vector. If the attack is severe, spray Dimethoate 30 EC @ 1.5 ml 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 Pisilomyces lilacinus 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.

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. (CAA/DECCS, KVASU, Mannuthy).