



Agromet Advisory Bulletin for PALAKKAD District

(Valid from 23.04.2025 to 27.04.2025)

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	23.04.2025	24.04.2025	25.04.2025	26.04.2025	27.04.2025
Rainfall (mm)	0.2	0.2	0.2	3	0.2
Maximum temperature (°C)	38	38	38	38	38
Minimum temperature (°C)	28	28	28	28	28
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	2	2	8	8	3
Wind direction (deg)	230	230	250	250	270
Total cloud cover (octa)	7	7	7	7	7

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of light rainfall in the district. Thunderstorm accompanied by lightning and gusty winds is very likely to occur at one or two places over Kerala on 22nd to 26th April 2025. Above normal rainfall is expected in Kerala.

Maximum temperatures are very likely to be around 37 °C in 22nd April 2025. Hot & Humid weather is very likely to prevail over the district except in hilly areas 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)	Rice bug	There is a chance of appearance of rice bug in paddy. To control spray fish jaggery extract (20 ml/litre of water) or spray chitin based Pseudomonas fluorescens 20 gram in one litre of water. If the attack is severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water.
Banana	Sigatoka leaf spot disease	As a prophylactic measure to sigatoka leaf spot disease, spray 20g of pseudomonas in one litre of water. If Sigatoka attack is seen, spray one milli litre hexaconazole or one milli litre propiconazole per one liter of water on both the surface of the leaf.
Ginger, Turmeric	Planting time	While preparing land for ginger and turmeric cultivations, apply 2 to 3 kg lime per cent. As a prophylactic measure against rhizome rot disease, the ginger and turmeric rhizome should be soaked in 0.3% mancozeb or pseudomonas solution (3 gram per one litter of water) for 30 minutes. Moreover 90 kg FYM mixed with one kg Trichoderma and kept under shade for two weeks with sufficient moisture and can be applied in the basin.
Chilli	White fly	Since dry weather condition is prevailed, there is a chance of white fly attack in chilli, apply 2% neem oil + garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe, apply 4 gram Thiamethoxam per ten litre of water.

Animal Husbandry: - Take precautions to avoid ecto-parasitic infestation. Fever, shivering, brown coloured urine, off feed are noticed, consult veterinary doctor immediately. (CAADECCS, KVASU, Mannuthy).