



## Agromet Advisory Bulletin for PALAKKAD District

(Valid from 01.03.2025 to 05.03.2025)

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	01.03.2025	02.03.2025	03.03.2025	04.03.2025	05.03.2025
Rainfall (mm)	0.1	0.1	0.1	0	0
Maximum temperature (°C)	36	36	36	36	36
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	74	74	74	74	74
Minimum Relative Humidity (%)	31	31	31	31	31
Wind speed (kmph)	8	10	6	8	8
Wind direction (deg)	70	90	90	70	50
Total cloud cover (octa)	3	5	7	3	3

Weather summary / Alert: - Maximum temperatures are very likely to be around 37°C in Palakkad district on 28th February to 1st March 2025. (2 to 4°C above normal)

SMS:- As per the forecast of IMD, there is a chance of very light rainfall in isolated places of the district. Do not keep the harvested produces like rice, rubber, copra etc. at open places. Normal to above normal rainfall is expected in Kerala.

### B. Agrometeorological Advisories for crop protection & management

#### General and Agrometeorological Advisories for Thrissur District

**General Advisory:** - Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. Since the wind speed may increase, give strong propping to banana and staking to vegetables. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Maturity stage	Lakshmi disease	There is a chance of Lakshmi disease in rice. To control this, spray 2 gram Copper hydroxide in one liter of water.
Puncha rice (Seedling stage)	Crop Management	Seed treatment with pseudomonas can be done before sowing. 10 gram of pseudomonas can be used for one kg of paddy seeds. Or the roots of transplanted seedlings can be soaked for 30 minutes in a solution of <i>Pseudomonas</i> culture @10g per one liter of water to control sheath blight, sheath rot, leaf spot disease etc. in future.
Coconut & Arecanut	Management	Since dry weather condition is prevailed, irrigate to Coconut and Arecanut. Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the coconut palm to conserve soil moisture. It is desirable to apply lime (white colour) on the stem near the ground to protect from heat.
Chilli	Thrips	There is a chance of thrips attack in chilli. Apply 2% neem oil + garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe, apply spiromecifen 8 ml per ten litre of water.

**Animal Husbandry:** Pets, domestic animals and birds should be provided with adequate drinking water and protection from the sun and heat. Adequate ventilation should be arranged in their living space. Do not let the cattle graze during hot weather. (CAADECCS, KVASU, Mannuthy).