



## Agromet Advisory Bulletin for PALAKKAD District

(Valid from 30.04.2025 to 04.05.2025)

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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Dated 29.04.2025

### A. Medium range weather forecast of IMD for next five days

| Weather parameters            | 30.04.2025 | 01.05.2025 | 02.05.2025 | 03.05.2025 | 04.05.2025 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)                 | 5          | 5          | 3          | 2          | 2          |
| Maximum temperature (°C )     | 38         | 38         | 38         | 38         | 38         |
| Minimum temperature (°C )     | 25         | 25         | 25         | 25         | 25         |
| Maximum Relative Humidity (%) | 85         | 85         | 85         | 85         | 85         |
| Minimum Relative Humidity (%) | 65         | 65         | 65         | 65         | 65         |
| Wind speed (kmph)             | 2          | 3          | 2          | 2          | 6          |
| Wind direction (deg)          | 250        | 230        | 230        | 230        | 250        |
| Total cloud cover (octa)      | 7          | 7          | 8          | 8          | 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 29<sup>th</sup> April to May 03<sup>rd</sup> 2025. Normal to above normal rainfall is expected in Kerala.

Maximum temperatures are very likely to be around 38 °C in 29<sup>th</sup> April to May 1<sup>st</sup> 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 (Maturity stage) | Brown Plant Hopper (BPH)       | There is a chance of brown plant hopper attack in rice. Spray 2 gram Thiamethoxam per ten litre of water.                                                                                                                                                                                  |
| Rice (virippu)               | Management                     | It is recommended to sow dhaincha seeds in the paddy field before virippu planting.                                                                                                                                                                                                        |
| Banana                       | Calcium & Boron Deficiency     | To control leaf curling in banana, due to calcium deficiency, apply 250g lime per banana plant. Boron deficiency is seen more during dry weather. Spray one gram borax per one litre of water.                                                                                             |
| 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 litre of water) for 30 minutes. |
| Vegetables                   | Management                     | Addition of pseudomonas culture to the soil at the time of planting of vegetables will help to reduce fungal diseases                                                                                                                                                                      |

Animal Husbandry: - Before the rainy season begins, keep the cattle shed clean and tidy. (CAADECCS, KVASU, Mannuthy).