



Agromet Advisory Bulletin for Ernakulam 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 | 0.2 | 0.1 | 0 |
| Maximum temperature (°C) | 33 | 33 | 33 | 33 | 33 |
| Minimum temperature (°C) | 25 | 25 | 25 | 25 | 25 |
| Maximum Relative Humidity (%) | 72 | 72 | 72 | 72 | 72 |
| Minimum Relative Humidity (%) | 55 | 55 | 55 | 55 | 55 |
| Wind speed (kmph) | 8 | 6 | 8 | 8 | 8 |
| Wind direction (deg) | 270 | 250 | 270 | 250 | 250 |
| Total cloud cover (octa) | 6 | 7 | 7 | 6 | 4 |

Weather summary / Alert: - Maximum temperatures are very likely to be around 37°C in Ernakulam 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. and fertilizers at open places. Normal to above normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for Ernakulum District (RRS Vyttila)

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) | Management | Seeds to be dried properly and keep under moisture free conditions. It is time for summer ploughing in the fields that are left fallow for puncha season after harvesting mundakan. |
| Coconut & Arecanut | Irrigation | Since dry weather condition is prevailed, irrigate Coconut and Arecanut. Give 40 to 50 liter water for a coconut palm and 25 litre water for an Arecanut plant. 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. |
| Chilly | Mite | Since dry weather condition is prevailed, there is a chance of mite attack in chilly. Spray any Neem based insecticides @ 3-6 ml/L once in 10 days. If the infestation goes severe, apply Spiromesifen 8 ml/10 L of water. |

Animal Husbandry: Ensure sufficient supply of clean drinking water to the animals. Allow the animal to graze early in the morning or in the evening to avoid direct sunlight. It is better to graze in the evening itself. (CAADECCS, KVASU, Mannuthy).