



Agromet Advisory Bulletin for Ernakulam District

(Valid from 24.07.2025 to 28.07.2025)

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 | 24.07.2025 | 25.07.2025 | 26.07.2025 | 27.07.2025 | 28.07.2025 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 25 | 30 | 28 | 30 | 22 |
| Maximum temperature (°C) | 28 | 28 | 28 | 28 | 28 |
| Minimum temperature (°C) | 24 | 24 | 24 | 24 | 24 |
| Maximum Relative Humidity (%) | 95 | 95 | 95 | 95 | 95 |
| Minimum Relative Humidity (%) | 80 | 80 | 80 | 80 | 80 |
| Wind speed (kmph) | 3 | 3 | 3 | 3 | 2 |
| Wind direction (deg) | 320 | 320 | 320 | 290 | 320 |
| Total cloud cover (octa) | 8 | 8 | 8 | 8 | 8 |

Weather summary / Alert: -. As per the forecast of IMD, there is a chance of moderate rainfall in the district and heavy rainfall in isolated places. Strong winds speed reaching likely to prevail occasionally over Kerala from 23rd to 2th July 2025. 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: -Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. Pesticides should not be applied during rainy period. Provide supports for the bananas. Make the vegetable pandals stronger.

| Crop | Pest/ Disease, Crop Management | Agromet Advisory |
|-----------------------------------|--------------------------------|--|
| Paddy(Pokkali) Tillering stage | Purple moorhen | Strategies to manage purple moorhen is very essential in pokkali ecosystem like using nets, reflective ribbons (red and silver) or by erecting rope grids over the canopy. |
| Paddy(Virippu) Tillering stage | Bacterial leaf blight | During rainy season, there is chance of bacterial leaf blight infestation in rice. As a prophylactic measure, spray 20 g <i>Pseudomonas</i> in one litre of water. |
| Coconut | Management | 25 to 50 kilogram of organic manure can be applied per one matured palm during rainy season by opening the coconut basin. Ensure proper drainage facilities to avoid water logging in the basins. |
| Cassava | Foot rot | Strict sanitation by removing and burning infected plants; crop rotation with suitable crops in two years; ensure good drainage; apply lime @ 150-250 g per plant two weeks before planting; application of neem cake 20 g per plant; application of 1 Kg <i>Trichoderma</i> enriched farm yard manure/compost; Sett treatment with Carbendazim (0.1%) or combination of Carbendazim and mancozeb (0.2%) for 10 minutes; Drenching same fungicides starting from planting three times at 15 days interval. |

Fisheries:-Farmers are advised to make happa for stocking fish fingerlings. Mosquito net or some other clothes can be used for the preparation of happa. Happa of size 2m x 1m x 1m can store 1000 fingerlings.