



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 11.12.2024 to 15.12.2024)

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	11.12.2024	12.12.2024	13.12.2024	14.12.2024	15.12.2024
Rainfall (mm)	0.1	0.1	5	6	0.2
Maximum temperature (°C)	32	32	30	30	31
Minimum temperature (°C)	25	25	24	24	24
Maximum Relative Humidity (%)	88	88	88	88	88
Minimum Relative Humidity (%)	76	76	76	76	76
Wind speed (kmph)	3	2	3	2	3
Wind direction (deg)	290	290	320	230	230
Total cloud cover (octa)	4	4	6	7	6

Weather summary / Alert: As per the forecast of IMD, there is a chance of moderate rainfall in isolated places of the district. 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)

Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. Provide sufficient drainage facilities in agricultural lands. Spraying should be done only on dry/clear weather conditions. Do not keep the harvested produces like rice, rubber and copra at open places. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Rice (Mundakan) Panicle initiation	Leaf folder	During cloudy weather condition, there is a chance of Leaf folder attack. It can be controlled by using Tricho cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water.
Bitter gourd	Downy mildew	Remove and destroy infected and dried leaves and spray Mancozeb 75WP (3g/L water).
Cool season vegetables	Management	40days after transplanting apply urea 650 g and potash 400g for one cent as second fertilizer dose.
Tree crops	Pink disease	Drench and spray Hexaconazole 5EC 2ml per litre. Once the rain subsides, cut the affected branches or swab 10% Bordeaux paste or Copper oxy chloride (10g per litre).

Animal Husbandry: - Deworm the animals after dung examination. Vaccinate animals against foot and mouth disease. Care should be taken to avoid ecto parasitic infestation. (CAADECCS, KVASU, Mannuthy).