



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 05.02.2025 to 09.02.2025)

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	05.02.2025	06.02.2025	07.02.2025	08.02.2025	09.02.2025
Rainfall (mm)	0.1	0	0	0	0
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	69	69	69	69	69
Wind speed (kmph)	4	4	4	4	4
Wind direction (deg)	250	250	250	270	270
Total cloud cover (octa)	5	4	3	4	3

Weather summary / Alert: - Since dry weather condition is prevails, irrigation of crops can be continued as per requirement. 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 (Milking stage)	Rice bug	Spray fish jaggery extract (20ml/ litre of water) or Azadirachtin @ (3000 ppm) 10ml/L
Vegetables	Sucking pests	Spraying of <i>Leccaniciliumleccani</i> 20 g / L at weekly intervals to be done from the initial stage of infestation. Higher population of the pests can be suppressed by spraying Neem based insecticides or Dimethoate 30 EC (1.5 ml / L) or Thiamethoxam 20 WG (2g / 10 L). The spray fluid should be directed towards either side of leaves. In the case of mealy bugs, white flies etc., spraying of soap solution to be done before the application of chemicals to dissolve the waxy covering.
Ginger	Management	Clear the field during February-March and burn the weeds, stubbles, roots etc.in situ. Prepare the land by ploughing ordigging and apply lime. Prepare beds of convenient length 1 m width, 25 cm height with 40 cmspacing between the beds. Provide drainage channels. For irrigatedginger, the best suited time for planting is middleof February. Otherwise the best time for planting ginger is during the first fortnight of April.

**Animal Husbandry:** Ensure sufficient supply of clean drinking water to the animals. Take measures for preventing mosquito breeding in the premises. (CAADECCS, KVASU, Mannuthy).