



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 21.02.2024 to 25.02.2024)

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	21.02.2024	22.02.2024	23.02.2024	24.02.2024	25.02.2024
Rainfall (mm)	0.2	0	0	0	0
Maximum temperature (°C)	34	34	34	33	33
Minimum temperature (°C)	26	26	26	26	26
Maximum Relative Humidity (%)	78	78	78	78	78
Minimum Relative Humidity (%)	56	56	56	56	56
Wind speed (kmph)	3	3	3	3	3
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	2	2	2	2	2

Weather summary / Alert: Since dry weather condition is prevailed, irrigation of crops can be continued, when required. Below normal rainfall is expected in Kerala.

### B. Agrometeorological Advisories for crop protection & management

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

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 is increasing, give strong propping to banana and staking to vegetables. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice(Long duration Mundakan varieties ( Milking stage)	Rice bug	Spray fish jaggery extract (20ml/ litre od water) or Chitin based <i>Pseudomonas flurescens</i> (2.5 kg/Ha) or Azadirachtin @ (3000 ppm) 10ml/L
Banana	Pseudostem weevil	Place cadavars infected with entomopathogenic nematodes in the four leaf axils around the spindle in plants of 4-5 months old.
Ginger	Management	Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging and apply lime. Prepare beds of convenient length 1 m width, 25 cm height with 40 cm spacing between the beds. Provide drainage channels. For irrigated ginger, the best suited time for planting is middle of February. Otherwise the best time for planting ginger is during the first fortnight of April.

Fisheries: - Presently brackish water areas are good for stocking of brackish water fishes like pearl spot, chanos, seabass, mullet and shrimp because of favourable salinity in water.