



Agromet Advisory Bulletin for Ernakulam District

(Valid from 10.02.2024 to 14.02.2024)

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	10.02.2024	11.02.2024	12.02.2024	13.02.2024	14.02.2024
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	25	26	26	26	26
Maximum Relative Humidity (%)	84	84	84	85	85
Minimum Relative Humidity (%)	55	55	55	53	53
Wind speed (kmph)	3	2	3	3	2
Wind direction (deg)	270	230	270	270	270
Total cloud cover (octa)	3	3	1	1	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 may increase, 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 (Mundakan) Maturity stage	Sheath Blight	To control sheath blight disease in rice, spray 4 gram of Trifloxystrobin + Tebuconazole mixture in ten litres of water.
Banana	Rhizome Weevil	There is a chance of Rhizome Weevil attack in banana. To control keep the field clean. Thiomethoxam 2 gm or Fipronil 10 gm mixed with one liter of water can be sprayed on the pseudostem or can be drenched in the basin.
Cucumber	Pumpkin Beetle	Sowing of cucumber can be done. Apply neem cake at the base for preventing pumpkin beetle.

Animal Husbandry: - Ensure sufficient supply of clean drinking water to the animals. Contact nearby veterinary hospitals to vaccinate the animals against infectious diseases. Care should be taken to avoid fungal growth in the cattle feed. (CAADECCS, KVASU, Mannuthy).