



Agromet Advisory Bulletin for Ernakulam District

(Valid from 23.09.2023 to 27.09.2023)

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	23.09.2023	24.09.2023	25.09.2023	26.09.2023	27.09.2023
Rainfall (mm)	5	4	2	12	3
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	24	25	25	25	25
Maximum Relative Humidity (%)	91	91	90	93	91
Minimum Relative Humidity (%)	60	58	58	62	60
Wind speed (kmph)	3	10	4	4	4
Wind direction (deg)	290	270	320	320	270
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district and moderate rainfall in isolated places. 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 to control crop pest & diseases can be taken to avoid their spread. Proper mulching can be followed to conserve soil moisture.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (Pokkali)	Stem borer	Release of egg parasitoids <i>Trichogramma japonicum</i> (5cc / Ha) at weekly intervals from 15-30 days after transplantation immediately after noticing stem borer activity.
Paddy (Virippu)	Rice bug	Fish amino acid @ 20 ml /L water or Azadirachtin (3000 ppm) 10 ml / L water can be sprayed. Farmers those who cultivates for second crop can initiate preparations for nursesey.
Coconut	Bud rot	Ensure drainage. Prophylatic management practices against bud rot to be taken
Ginger	Soft rot & Stem borer	Spray <i>Beauveria bassiana</i> and <i>Pseudomonas</i> @ 20g in a litre of water in alternate weeks