



Agromet Advisory Bulletin for Ernakulam District

(Valid from 27.09.2023 to 01.10.2023)

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

AAS Bulletin No: 39/2023, (77) Tuesday

Dated 26 .09.2023

A. Medium range weather forecast of IMD for next five days

Weather parameters	27.09.2023	28.09.2023	29.09.2023	30.09.2023	01.10.2023
Rainfall (mm)	5	7	16	15	20
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	88	88	90	90	92
Minimum Relative Humidity (%)	72	78	78	76	76
Wind speed (kmph)	3	3	3	3	4
Wind direction (deg)	270	270	290	290	290
Total cloud cover (octa)	7	8	8	8	8

Weather summary / Alert: As per the forecast of IMD, there is a chance of moderate rainfall in the district and heavy 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 nursely.
Banana	-	Cut and remove the outer layer of the rhizome and sundry for 3 to 4 days after smearing it with slurry of cow dung and ash.
Ginger	Rhizome maggot	Apply neem cake in the basin of the crop.
Cucurbitaceous Vegetables	Downy mildew	There is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.

Animal Husbandry: - Cattle feed should be stored on a wooden board or iron board. If moisture is in the cattle feed it may cause deadly fungal growth. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy).