



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 18.09.2024 to 22.09.2024)

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	18.09.2024	19.09.2024	20.09.2024	21.09.2024	22.09.2024
Rainfall (mm)	6	5	3	2	2
Maximum temperature (°C)	31	32	32	32	32
Minimum temperature (°C)	26	26	25	25	25
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	90	90	90	90	90
Wind speed (kmph)	8	8	8	8	6
Wind direction (deg)	290	290	290	290	290
Total cloud cover (octa)	7	5	4	3	3

Weather summary / Alert: As per the forecast of IMD, there is a chance of light rainfall in the district. Below normal rainfall is expected in Kerala.

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

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

Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rainy period. Provide supports to banana crops. Make the vegetable pandals stronger. To protect farmers and livestock from lightning and thunder avoid standing in open areas.

Crop	-	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 nurse.
Ginger	Rhizome rot	There is a chance of rhizome rot disease in ginger. As a prophylactic measure spray, 2 gram Copper oxychloride or 1.5 gram copper hydroxide per one litre of water.
Vegetables (Cowpea)	Anthraco nose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. To control spray Carbendazim one gram per one litre of water. Pesticides should not be applied during rain.

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).