



Agromet Advisory Bulletin for Ernakulam District

(Valid from 07.09.2024 to 11.09.2024)

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	07.09.2024	08.09.2024	09.09.2024	10.09.2024	11.09.2024
Rainfall (mm)	2	2	3	8	4
Maximum temperature (°C)	31	31	30	31	31
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	90	90	90	95	95
Minimum Relative Humidity (%)	80	85	80	85	85
Wind speed (kmph)	8	10	8	8	8
Wind direction (deg)	320	290	270	290	270
Total cloud cover (octa)	8	8	6	8	8

Weather summary / Alert: As per the forecast of IMD, there is a chance of moderate rainfall in isolated places of the district. Normal to above 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) Panicle stage	Bacterial leaf blight	As a prophylactic measure, <i>Pseudomonas</i> (@ 20 g per L of water) can be sprayed.
Paddy(Virippu) Panicle stage	Glume discoloration	Spray 0.4 g Nativo and potassium nitrate (13:0:45) 10g in a litre of water
Pepper	Quick wilt	As a prophylactic measure to control quick wilt of pepper, add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg neem cake and kept for two weeks with sufficient moisture and add 2.5 kg to the base of each matured pepper vine
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.

Animal Husbandry: Vaccinate animals against foot and mouth disease. Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospirosis. (CAADECCS, KVASU, Mannuthy)