



Agromet Advisory Bulletin for Ernakulam District

(Valid from 08.10.2022 to 12.10.2022)

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	08.10.2022	09.10.2022	10.10.2022	11.10.2022	12.10.2022
Rainfall (mm)	2	1	2	1	0.5
Maximum temperature (°C)	32	30	30	30	30
Minimum temperature (°C)	23	25	25	25	25
Maximum Relative Humidity (%)	88	88	88	88	88
Minimum Relative Humidity (%)	81	81	81	81	81
Wind speed (kmph)	4	6	5	3	3
Wind direction (deg)	290	320	340	250	230
Total cloud cover (octa)	4	4	8	6	4

RAINFALL FORECAST FOR NEXT FIVE DAYS				
2022 October 08	2022 October 09	2022 October 10	2022 October 11	2022 October 12
Very light rain	Very light rain	Very light rain	Very light rain	Very light rain

Weather summary / Alert: Very light rainfall is expected in the district. Normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for Ernakulum District

Prophylactic measures to control crop pest & diseases can be taken to avoid their spread.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (virippu) Dough stage	Bacterial Leaf blight	As a prophylactic measure to manage Bacterial Leaf Blight (B L B), dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas. Apply bleaching powder @ 20 bags of 100 gm each for one acre in the irrigation channels for checking the spread of the disease. Spry antibiotics viz. 6 g of streptocycline in 30 litre of water in severe cases.
Coconut	Management	While applying second dose of fertilizers to coconut palms, apply 550 gram urea, 700 gram Rajphos and 800 gram potash under irrigated conditions and apply 500 gram urea, 800 gram Rajphos and one kg potash under rainfed conditions
Ginger	Rhizome maggot	There is a chance of rhizome maggot in ginger, apply neemcake in the basin of the plant

Animal Husbandry- Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. Care should be taken to avoid mastitis. Vitamins and mineral mixture should be supplemented along with cattle feed. (CAADECCS, KVASU, Mannuthy).