



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 28.9.2022 to 02.10.2022)

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	28.09.2022	29.09.2022	30.09.2022	01.10.2022	02.10.2022
Rainfall (mm)	0.6	0.2	5	0.1	2
Maximum temperature (°C )	30	31	31	30	30
Minimum temperature (°C )	25	25	25	25	25
Maximum Relative Humidity (%)	84	84	84	84	84
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	8	6	5	5	4
Wind direction (deg)	320	320	320	290	290
Total cloud cover (octa)	5	4	8	7	8

RAINFALL FORECAST FOR NEXT FIVE DAYS				
2022 September 28	2022 September 29	2022 September 30	2022 October 01	2022 October 02
Very light rain	Very light rain	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
Rice (Mundakan)	Land preparation	Land preparations for mundakan paddy can be started in kole paddy field, apply lime during nursery preparation. Seed treatment with pseudomonas can be done before sowing. (10 gram of pseudomonas for one kg of paddy seeds.)
Banana	pitting disease	Appearance of small sunken brown spots on matured fruits is the symptom of pitting disease. To prevent the disease, cut and remove dried leaves from the garden and protect the bunches with bunch cover. If the disease is occurring regularly, spray fungicide like 0.5ml azoxystrobin or tebuconazole + trifloxystrobin (Nativo) 0.5 gram per litre of water within one month of bunch emergence.
Pepper	Quick wilt	As a prophylactic measure, apply 2.5 kg of Trichoderma enriched farm yard manure to each pepper plant. (or) spray 20 grams of pseudomonas in one liter of water. Infected vines should be pruned and spray with 1% Bordeaux mixture (or) drench the basin with 2.5 grams of copper oxychloride in one liter of water.

**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).