



Agromet Advisory Bulletin for Ernakulam District

(Valid from 15.10.2022 to 19.10.2022)

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	15.10.2022	16.10.2022	17.10.2022	18.10.2022	19.10.2022
Rainfall (mm)	3	2	5	10	10
Maximum temperature (°C)	31	31	30	30	30
Minimum temperature (°C)	24	25	25	25	25
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	76	76	76	76	76
Wind speed (kmph)	2	2	2	5	4
Wind direction (deg)	230	230	200	200	160
Total cloud cover (octa)	7	5	8	8	8

RAINFALL FORECAST FOR NEXT FIVE DAYS				
2022 October 15	2022 October 16	2022 October 17	2022 October 18	2022 October 19
Light rain	Very light rain	Light rain	Light rain	Light rain

Weather summary / Alert: Light rainfall is expected in the district and heavy rainfall in isolated places. 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 <i>pseudomonas</i> can be done before sowing. (10 gram of <i>pseudomonas</i> for one kg of paddy seeds.)
Banana	Planting time	The rhizomes are to be smeared with cowdung solution & ash then they are dried in the sun for about 3 to 4 days before planting. Lime can be applied at 250 gram per plant at the time of planting.
Turmeric	Leaf Blotch (<i>Taphrina maculans</i>)	As a prophylactic measure, spray 2ml hexaconazole or 1 ml Propiconazole or 2.5 gram copper oxychloride or 2 gram SAAF dissolved in one litre of water. Spraying can be continued at fortnightly intervals depending upon the intensity of the disease.

Animal Husbandry- Precautions to be taken to avoid leptospirosis and ectoparasitic infestations. Care should be taken to avoid fungal growth in cattle feed. (CAADECCS, KVASU, Mannuthy).