



Agromet Advisory Bulletin for Ernakulam District

(Valid from 25.5.2022 to 29.5.2022)

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

RAINFALL FORECAST FOR NEXT FIVE DAYS

Weather parameters	25.5.2022	26.5.2022	27.5.2022	28.5.2022	29.5.2022
Rainfall (mm)	15	12	17	19	10
Maximum temperature (°C)	29	29	29	29	29
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	82	82	82	82	82
Wind speed (kmph)	8	8	8	8	8
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	8	7	7	7	4
2022 May 25	2022 May 26	2022 May 27	2022 May 28	2022 May 29	
Light rain	Light rain	Moderate rain	Moderate rain	Light rain	

Weather summary / Alert: Moderate rainfall is expected in the district and heavy rainfall is expected in isolated places. Above normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for (RRS Vyttila)

Proper drainage facilities have to be ensured. Special crop management is required for agricultural crops before monsoon season. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rainy period.

Crop	Pest/ Disease	Crop/ Animal Advisory
Rice (Puncha)	Harvesting stage	Since there is a chance of lodging due to water logging, provide proper drainage facilities.
Rice (virippu)	Land preparation	Land preparation and nursery for virippu paddy (Rainfed) can be started.
Banana	Sigatoka disease	During rainy season, there is a chance of sigatoka disease in banana. As a prophylactic measure, spray 20 g Pseudomonas per one liter of water. Pesticides should not be applied during rainy period. Proper drainage facilities have to be ensured.
Pepper	Foot rot	As a prophylactic measure to manage foot rot during rainy season, add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to the base of each matured pepper vine. Proper drainage facilities have to be ensured
Animal Husbandry	Avoid water logging near the cattle shed. Ensure proper ventilation in the cattle shed.	
Poultry	The poultry shed should be kept free from moisture. Stir the litter occasionally and add fresh litter if required. (CAADECCS, KVASU, Mannuthy).	