



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 18.5.2022 to 22.5.2022)

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	18.5.2022	19.5.2022	20.5.2022	21.5.2022	22.5.2022
Rainfall (mm)	15	10	12	12	15
Maximum temperature (°C)	28	28	29	29	30
Minimum temperature (°C)	24	25	26	27	27
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	12	10	4	4	4
Wind direction (deg)	270	270	270	230	250
Total cloud cover (octa)	8	8	5	8	8
2022 May 18	2022 May 19	2022 May 20	2022 May 21	2022 May 22	
Light rain	Light rain	Light rain	Light 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

Proper drainage facilities have to be ensured. Crop management is required for agricultural crops before monsoon season. If the soil is more acidic, add lime as per soil testing.

#### C. General and Agrometeorological Advisories for (RRS Vyttila)

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	It is recommended to sow dhaincha seeds in the paddy field before virippu planting
Banana	All stages	Since there is a chance of lodging due to heavy wind, provide staking for support. Propping of the banana plants were recommended.
Vegetables	All stages	Since there is a chance of lodging and fruit fall due to wind. Provide staking for support strengthens the pandals. Heavy rainfall results in the flooding of the cropped field which damages the crop in the maturity stage. Provide proper drainage in the cropped field.
Animal Husbandry	Avoid water logging near the cattle shed. Ensure proper ventilation in the cattle shed. The poultry shed should be kept free from moisture. Stir the litter occasionally and add fresh litter if required. (CAADECCS, KVASU, Mannuthy).	