



Agromet Advisory Bulletin for Ernakulam District

(Valid from 08.07.2023 to 12.07.2023)

*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	08.07.2023	09.07.2023	10.07.2023	11.07.2023	12.07.2023
Rainfall (mm)	22	15	16	12	5
Maximum temperature (°C)	29	32	32	32	32
Minimum temperature (°C)	24	26	26	26	26
Maximum Relative Humidity (%)	98	95	90	88	85
Minimum Relative Humidity (%)	86	80	78	73	70
Wind speed (kmph)	5	10	5	5	3
Wind direction (deg)	250	290	320	340	320
Total cloud cover (octa)	8	8	8	8	8

Weather summary / Alert: As per the forecast of IMD, there is a chance of Moderate rainfall in the district and heavy rainfall is expected in isolated places. Normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

General Advisory:- Heavy rain may cause flooding in the lowland and cropped fields. Provide proper drainage in the cropped field if heavy rainfall is expected.

Crop	Stage	Likely Impact on crop	Advisory& Action Suggested
Rice (Virippu)	Seedling stage	Lodging due to waterlogging.	Transplanting can be postponed for 2 to 3 days. Provide proper drainage in the cropped field.
Banana	All stages	Lodging due to heavy wind	Since there is a chance of lodging due to heavy wind, propping of the banana plants were recommended. Provide proper drainage in the cropped field.
Vegetables	All stages	Heavy wind and rainfall may result in lodging and flooding, which may damage the crops.	Harvest the crop as early as possible. Provide staking for support and strengthen the pandals. Provide proper drainage in the cropped field.
Animal Husbandry	Avoid water logging near the cattle shed. Ensure proper ventilation in the cattle shed. Keep away livestock and farmers from open fields to avoid lightning stroke. The poultry shed should be kept free from moisture. Stir the litter in the poultry shed occasionally and add fresh litter, if required		