



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 06.07.2024 to 10.07.2024)

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	06.07.2024	07.07.2024	08.07.2024	09.07.2024	10.07.2024
Rainfall (mm)	8	4	15	7	1
Maximum temperature (°C)	32	29	29	29	29
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	6	5	10	10	4
Wind direction (deg)	250	140	230	250	250
Total cloud cover (octa)	8	7	8	8	7

**Weather summary / Alert:** As per the forecast of IMD, there is a chance of light rainfall in the district and moderate 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 Ernakulum District (RRS Vyttila)

Special crop management is required for agricultural crops before monsoon season. Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. Pesticides should not be applied during rainy period. Provide supports for the bananas. Make the vegetable pandals stronger. Avoid standing in open areas to protect farmers and livestock from lightning and thunder.

Crop	-	Crop/ Animal Advisory
Rice (virippu)	Transplanting	Paddy seedlings for virippu season can be transplanted at 4 to 5 leaf stage. At the time of transplanting, roots of seedlings can be dipped in pseudomonas solution prepared @ 20 gram per one litre of water, as a prophylactic measure to control sheath blight, sheath rot, leaf spot disease etc.
Vegetables (chilly)	Anthraco nose disease	There is a chance of Anthracnose disease in chilly. As a prophylactic measure, apply 1% Bordeaux mixture or spray pseudomonas 20 gm per litre.
Pepper	Foot rot/ Quick wilt	During rainy reason to control foot rot disease, 2.5 gram of Copper Oxychloride or 2 gram of Copper Hydroxide per one litre of water can be spray it and drenched in the basin as a prophylactic measure.

**Animal Husbandry:** - Cattle feed should be stored on a wooden board or iron board. If moisture is in the cattle feed it may cause deadly fungal growth. If leg lameness or fever was observed, immediate medical attention should be given. (CAADECCS, KVASU, Mannuthy)