



Agromet Advisory Bulletin for Ernakulam District

(Valid from 02.11.2024 to 06.11.2024)

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	02.11.2024	03.11.2024	04.11.2024	05.11.2024	06.11.2024
Rainfall (mm)	10	6	2	3	3
Maximum temperature (°C)	32	31	31	32	32
Minimum temperature (°C)	26	25	25	25	25
Maximum Relative Humidity (%)	89	89	89	89	89
Minimum Relative Humidity (%)	71	71	71	71	71
Wind speed (kmph)	4	2	2	2	3
Wind direction (deg)	290	290	250	250	230
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 isolated places of the district. 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 during 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 to banana crops. Make the vegetable pandals stronger.

Crop	Pest/ Disease, Crop Management	Agromet Advisory
Paddy (Mundakan) Seedling stage	Management	As a prophylactic measure to manage sheath blight, leaf spot, bacterial leaf blight etc., spray 20g <i>Pseudomonas</i> in a litre of water
Banana	Management	Basins and channels for irrigations can be prepared. Amaranthus, cowpea, ginger, turmeric etc. can be raised as intercrops.
Cucurbitaceous Vegetables	Downy mildew	Due to high relative humidity, there is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.
Cool season vegetables	Planting and management	3-5 week old seedlings can be transplanted to the main field by the first week of November. The field should be well drained and expose to good sunlight.

Fish farming: - Due to frequent rainfall, fish pond water level may increases in coming days. So farmers to take necessary steps to prevent the escape of fishes like fencing the fish pond by net.