



Agromet Advisory Bulletin for Ernakulam District

(Valid from 01.11.2023 to 05.11.2023)

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	01.11.2023	02.11.2023	03.11.2023	04.11.2023	05.11.2023
Rainfall (mm)	12	10	9	11	5
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	74	74	74	74	74
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	250	270	230	230	250
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. Normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for Ernakulum District (RRS Vyttila)

Prophylactic measures can be taken to control and to avoid the spread of crop pest and diseases. Proper mulching can be followed to conserve soil moisture. Proper drainage facilities have to be ensured.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (Pokkali)	Management	Measures for dewatering of excess water to be done. Reflective ribbons can be tied up above the crop canopy to ward off purple moorhens' damage.
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.

Fisheries: - 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.