



Agromet Advisory Bulletin for Ernakulam District

(Valid from 11.5.2022 to 15.5.2022)

*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		11.5.2022	12.5.2022	13.5.2022	14.5.2022	15.5.2022
Rainfall (mm)		15	6	5	6	5
Maximum temperature (°C)		32	33	33	33	33
Minimum temperature (°C)		26	27	27	27	27
Maximum Relative Humidity (%)		90	90	90	90	90
Minimum Relative Humidity (%)		78	78	78	78	78
Wind speed (kmph)		8	8	8	8	8
Wind direction (deg)		290	290	290	270	270
Total cloud cover (octa)		8	6	6	6	7
2022 May 11	2022 May 12	2022 May 13	2022 May 14		2022 May 15	
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. Below normal rainfall is expected in Kerala. .

B. Agrometeorological Advisories for crop protection & management

Ensure drainage facilities in low land. Proper mulching can be followed to conserve soil moisture.

C. General and Agrometeorological Advisories for Ernakulam District

Crop	Pest/ Disease	Crop/ Animal Advisory(RRS Vyttila)
Paddy (Pokkali)	Management	It is time to commence field operations in pokkali fields. Strengthen the outer bunds. During low tide, water has to be drained out of the field and let it dry. Close the shutters of the sluice after that. Take mounds of 1 m diameter and 0.5 m height after drying the field and leave it as such for the soil to get dry and powdered .
Coconut	Leaf rot	Improve general condition of the palm by manuring and management. Clean the crown and remove rotten portions. Spray crowns and leaves with 1 % Bordeaux mixture, Mancozeb 75 WP 3g per litre water, Copper Oxy Chloride 50 WP 3g per litre.
Banana	Management	Apply last dose of fertilizer along with earthing up before bunch emergence. Propping of plants also recommended.
Mango	Fruit flies	Destroy all fallen fruits at weekly intervals. Install six methyl eugenol plywood traps (pheromone traps) per acre. Plough the soil at the tree basin at frequent intervals.
Fisheries		It is the right time to prepare ponds for fish farming. Drain the pond and apply lime. Apply tea seed cake or mahua oil cake in ponds where draining is difficult to eradicate weed fishes.