



Agromet Advisory Bulletin for Ernakulam District

(Valid from 23.7.2022 to 27.7.2022)

*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

Weather parameters	23.07.2022	24.07.2022	25.07.2022	26.07.2022	27.07.2022
Rainfall (mm)	11	8	6	4	6
Maximum temperature (°C)	29	30	30	30	30
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	94	94	94	94	94
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	8	6	5	4	6
Wind direction (deg)	290	340	340	340	340
Total cloud cover (octa)	8	8	8	6	8

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 July 23	2022 July 24	2022 July 25	2022 July 26	2022 July 27
Light rain	Light rain	Light rain	Light rain	Light rain

Weather summary / Alert: Light rainfall is expected in the district. Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for (RRS Vyttila)

Special crop management is required for agricultural crops during monsoon season. Proper drainage facilities have to be ensured. Pesticides should not be applied during rain.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (Pokkali)	Management	Precautions to be taken against the attack of turtles, rats and purple moorhens.
Paddy (Virippu)	Seedling stage	The micronutrient deficiency of paddy can be managed by spraying 10 gram of paddy sampoorana in one litter of water. Fertilizer should not be applied during rain.
Many crops	Giant African Snail	Copper sulphate 3g/ litre or Copper Oxy Chloride 3g/litre or mixture of copper sulphate solution and tobacco decoction can be sprayed on crops. If the population is less, bleaching powder or copper sulphate can be applied around the basins. Overnight traps can be set using papaya leaves and or cabbage leaves and covered with wet gunny bags or jute bag pieces, destroy the trapped snails using common salt. Remove and expose the damaged bark near bases and spray Carbosulphan 0.25% or 10% Bordeaux paste can be painted on the stem base;
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. Pesticides should not be applied during rain.
Fisheries	Farmers are advised to make happa for stocking fish fingerlings. Mosquito net or some other clothes can be used for the preparation of happa. Happa of size 2m x 1m x 1m can store 1000 fingerlings.	