



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 16.7.2022 to 20.7.2022)

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	16.07.2022	17.07.2022	18.07.2022	19.07.2022	20.07.2022
Rainfall (mm)	15	12	6	7	18
Maximum temperature (°C )	29	30	30	30	30
Minimum temperature (°C )	26	25	25	25	25
Maximum Relative Humidity (%)	94	94	94	94	94
Minimum Relative Humidity (%)	82	82	82	82	82
Wind speed (kmph)	8	4	8	8	6
Wind direction (deg)	250	270	340	340	290
Total cloud cover (octa)	8	8	7	8	8

### RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 July 16	2022 July 17	2022 July 18	2022 July 19	2022 July 20
Light rain	Light rain	Light rain	Light rain	Moderate rain

**Weather summary / Alert:** The rainfall intensity may show a decreasing trend in the district. Heavy rainfall is expected in isolated places. 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. If the soil is more acidic, add lime as per soil testing. 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.
Coconut	Rhinoceros beetle	Field sanitation; top most three leaf axils may be filled with 25g neem cake and 200g sand mixture or naphthalene balls and sand as a prophylactic measure and repeat this procedure 45 days interval; Crown cleaning followed by the application of 20g cartap hydrochloride 4G/ Fipronil 0.3G/ Carbosulphan 6G mixed with 200g sand on top three leaf axils; <b>mist net balls</b> can be inserted around leaf spindles.
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.