



Agromet Advisory Bulletin for Ernakulam District

(Valid from 04.04.2023 to 08.04.2023)

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	04.04.2023	05.04.2023	06.04.2023	07.04.2023	08.04.2023
Rainfall (mm)	1	0.2	0.1	0.1	0.1
Maximum temperature (°C)	32	32	32	33	33
Minimum temperature (°C)	26	26	26	24	24
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	3	3	2	3	3
Wind direction (deg)	320	320	290	290	290
Total cloud cover (octa)	6	6	6	6	5

Weather summary / Alert: Light rainfall is expected 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)

The following are immediate steps to be followed to protect farmers, plants, and birds from the summer heat. Drink plenty of clean water from time to time to prevent dehydration. Avoid going out in hot weather. Thus you can get rid of sunburn. While working in the farm, try to use a hat or an umbrella to prevent direct sunlight. As the climate is hot and dry, irrigate the crops as required to ensure adequate soil moisture. Irrigate only, when there is no strong sunlight. Drip irrigation can reduce water loss to some extent.

Crop	Pest/ Disease	Crop/ Animal Advisory
Puncha rice	Rice bug	Fish amino acid @ 6ml per litre of water can be sprayed or chitin based Pseudomonas can be applied @ 20 g per litre water
Banana	Management	Give proper irrigation, propping can be done, suckers before bunch emergence to be destroyed
Coconut	Management	Continue irrigation
Tree crops	Pink disease	Bordeux mixture to be sprayed after summer showers to prevent the disease.
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.

Animal Husbandry- Assure increased ventilation in the cattle shed. Ensure sufficient supply of clean drinking water to the animals. Allow the animal to graze early in the morning or in the evening to avoid direct sunlight. (CAADRECCS, KVASU, Mannuthy).