



**Gramin Krishi Mousam Sewa (GKMS), Thrissur**  
**Agromet Advisory Bulletin for Ernakulam District**  
**(Valid from 06.4.2022 to 10.4.2022)**

*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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**dated 05.4.2022**

**A. Medium range weather forecast of IMD for next five days**

Weather parameters	06.4.2022	07.4.2022	08.4.2022	09.4.2022	10.4.2022
Rainfall (mm)	6	0.1	0.1	10	10
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	26	26	26	26	26
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	12	12	12	12	12
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	4	4	3	7	7





**RAINFALL FORECAST FOR NEXT FIVE DAYS**

2022 April 06	2022 April 07	2022 April 08	2022 April 09	2022 April 10
Light rain	Very light rain	Very light rain	Light rain	Light rain

**Weather summary / Alert:** Light rainfall is expected in the district. Normal to Above normal rainfall is expected in Kerala.

**B. Agrometeorological Advisories for crop protection & management**

The following are immediate steps to be followed protect farmers, plants, and birds from the summer heat. Avoid going out in hot weather as much as possible. That way you can get rid of sunburn. While working in the farm, try to use a hat or umbrella to prevent direct sunlight. Drink plenty of clean water from time to time to prevent dehydration. 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 Advisories (RRS Vyttila)	
Coconut & Arecanut	Management		Mulch the basin of coconut & arecanut with organic material to protect them from heat. This way the soil moisture can be retained
Turmeric	Planting		On receipt of pre-monsoon showers, prepare beds of size 3 m x 1.2 m with a spacing of 40 cm between beds in already tilled land. 160 Kg organic manure, 600 g rajphos and 200g MOP to be given as basal dose for one cent. Whole or split mother rhizomes are used for planting. Mulch the crop immediately after planting.
Vegetables	Sucking pests		Spraying of Leccanicilium leccani 20 g / L at weekly intervals to be done from the initial stage of infestation. Higher population of the pests can be suppressed by spraying Neem based insecticides or Dimethoate 30 EC (1.5 ml / L) or Thiamethoxam 20 WG (2g / 10 L). The spray fluid should be directed towards either side of leaves. In the case of mealy bugs, white flies etc., spraying of soap solution to be done before the application of chemicals to dissolve the waxy covering.
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.
Fish farming	Brooders should be kept in breeding cages in the case of ornamental fishes such as guppies, platy, mollies etc. to avoid the young ones being eaten by its own mothers.		