



**Gramin Krishi Mousam Sewa (GKMS), Thrissur**  
**Agromet Advisory Bulletin for Ernakulam District**

**(Valid from 12.3.2022 to 16.3.2022)**

*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	12.3.2022	13.3.2022	14.3.2022	15.3.2022	16.3.2022
Rainfall (mm)	0	0	0	0.1	0.5
Maximum temperature (°C )	33	32	32	32	32
Minimum temperature (°C )	25	25	25	25	25
Maximum Relative Humidity (%)	83	83	83	83	83
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	10	10	8	8	6
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	2	1	2	3	6




**RAINFALL FORECAST FOR NEXT FIVE DAYS**

2022 March 12	2022 March 13	2022 March 14	2022 March 15	2022 March 16
No Rain				

**Weather summary / Alert:** Since dry weather condition is prevailed, irrigation of crops can be continued, when required in the district. Below normal rainfall is expected in Kerala.

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

Since dry weather condition is prevailed, irrigation of crops can be continued.

Crop	Pest/ Disease	Crop/ Animal Advisories (RRS Vyttila)	
Rice – Panicle initiation stage	Bacterial Leaf blight		There is a chance of Bacterial Leaf Blight in rice, apply bleaching powder @ 200g per one acre in the irrigation water. As a prophylactic measure, spray a mixture of cow dung slurry (20g cow dung per one litre of water) and pseudomonas solution (20g per one litre of water). If the attack is severe spray 6 g of Streptomycin in 30 litre of water.
Coconut & Arecanut	Irrigation		Since dry weather condition is prevailed, irrigate to Coconut and Arecanut. Give 40 to 50 liter water for a coconut palm and 25 liter water for an Arecanut plant. Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the coconut palm to conserve soil moisture. It is desirable to apply lime (white colour) on the stem near the ground to protect from heat.
Vegetables	Sucking pests		Spraying of <i>Leccanicilium leccani</i> 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
Fish farming	Ornamental fish farming is a source of income for unemployed women. The pond can be constructed using aquarium tank, empty fridge box, tarpaulin sheet, concrete tank etc.		