



Gramin Krishi Mousam Sewa (GKMS), Thrissur

Agromet Advisory Bulletin for Ernakulam District

(Valid from 30.3.2022 to 03.4.2022)

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 29.3.2022

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

Weather parameters	30.3.2022	31.3.2022	01.4.2022	02.4.2022	03.4.2022
Rainfall (mm)	5	2	0	5	0.1
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	25	26	26	26	26
Maximum Relative Humidity (%)	82	82	82	82	82
Minimum Relative Humidity (%)	68	68	68	68	68
Wind speed (kmph)	12	10	8	10	10
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	6	5	5	5	4




RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 March 30	2022 March 31	2022 April 01	2022 April 02	2022 April 03
Light rain	Very light rain	No rain	Light rain	Very light rain

Weather summary / Alert: Light rainfall is expected in the district. 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	Irrigation		Since dry weather condition is prevailed, irrigate Coconut and Arecanut. Give 40 to 50 liter water for a coconut palm and 25 litre 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
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.
Amaranthus	blight		Intercrop red and green varieties, seed treatment with Trichoderma or Pseudomonas, restrict irrigation to the basin, dissolve 20 g cow dung in one litre of water and spray supernatant liquid by mixing with 20 g Pseudomonas with the onset of initial symptoms itself, foliar spray and soil drenching with Turmeric powder (5 g) + baking soda (1 g) mixture in one litre water at 7-8 days interval is also recommended for its control.
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.