



Agromet Advisory Bulletin for Ernakulam District

(Valid from 04.5.2022 to 08.5.2022)

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 03.5.2022

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

RAINFALL FORECAST FOR NEXT FIVE DAYS

Weather parameters	04.5.2022	05.5.2022	06.5.2022	07.5.2022	08.5.2022
Rainfall (mm)	5	8	11	2	7
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	27	26	26	26	27
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	8	8	10	8	8
Wind direction (deg)	290	290	290	320	320
Total cloud cover (octa)	7	8	5	7	6
2022 May 04	2022 May 05	2022 May 06	2022 May 07	2022 May 08	
Light rain	Light rain	Light rain	Light rain	Light rain	

Weather summary / Alert: Light rainfall is expected in the district. Normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

Farmers are advised to avoid direct sunlight to prevent sunburn. The crops should be irrigated at critical stages. Drip irrigation can be recommended to reduce water loss. Proper mulching can be followed to conserve soil moisture.

C. General and Agrometeorological Advisories for Thrissur District

Crop	Pest/ Disease	Crop/ Animal Advisory
Cassava	Management	Plough the field thoroughly; select mature healthy stems free from diseases or pests. Discard about 10 cm from the lower mature and about 30 cm from the upper immature end. Stems should be cut into setts of 15-20 cm length using a sharp knife. Adopt square method of planting at a spacing of 90 cm x 90 cm @ one cutting per pit. Give organic manure 1 Kg per plant.
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 <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.
Fisheries		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.