



Gramin Krishi Mousam Sewa (GKMS), Thrissur

## Agromet Advisory Bulletin for Ernakulam District

(Valid from 20.4.2022 to 24.4.2022)

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

Weather parameters	20.4.2022	21.4.2022	22.4.2022	23.4.2022	24.4.2022
Rainfall (mm)	4	0	0	2	5
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	68	68	68	68	68
Wind speed (kmph)	10	10	10	10	10
Wind direction (deg)	250	250	250	250	250
Total cloud cover (octa)	7	5	5	5	5

### RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 April 20	2022 April 21	2022 April 22	2022 April 23	2022 April 24
Light rain	No rain	No rain	Very light rain	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

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.