



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 12.2.2022 to 16.2.2022)



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

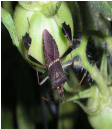
RAINFALL FORECAST FOR NEXT FIVE DAYS

Weather parameters		12.2.2022	13.2.2022	14.2.2022	15.2.2022	16.2.2022
Rainfall (mm)		0.1	2	1	0.1	2
Maximum temperature (°C)		31	31	31	31	31
Minimum temperature (°C)		25	25	25	25	25
Maximum Relative Humidity (%)		80	80	80	80	80
Minimum Relative Humidity (%)		57	57	57	57	57
Wind speed (kmph)		14	14	14	14	14
Wind direction (deg)		270	270	270	270	270
Total cloud cover (octa)		3	4	6	5	6
2022 February 12	2022 February 13	2022 February 14	2022 February 15		2022 February 16	
Very light rain						

Weather summary / Alert: Very light rainfall is expected in isolated places of the district. Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. Since the wind speed may increase, give strong propping to banana and staking to vegetables.

Crop	Pest/ Disease	Crop/ Animal Advisories (RRS Vyttila)	
Puncha – nursery stage	Thrips		Flooding the rice field will manage the thrips population to an extent. In severe cases, spray Thiamethoxam 25 WG 2g in 10 litre water.
Banana	Pseudostem weevil		Place the cadavers infected with entomopathogenic nematodes in the four leaf axils around the spindle in plants of 4-5 months old.
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
Ginger	Management		Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging and apply lime. Prepare beds of convenient length 1 m width, 25 cm height with 40 cm spacing between the beds. Provide drainage channels. For irrigated ginger, the best suited time for planting is middle of February. Otherwise the best time for planting ginger is during the first fortnight of April.
Fish farming	The fresh water fishes like pangasius, anabus, snake head etc. are having the ability to utilise atmospheric oxygen and hence farmers can stock more of them than carp species.		