




Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 05.2.2022 to 09.2.2022)



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



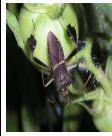

RAINFALL FORECAST FOR NEXT FIVE DAYS

Weather parameters	05.2.2022	06.2.2022	07.2.2022	08.2.2022	09.2.2022
Rainfall (mm)	0	0	0.1	0	0
Maximum temperature (°C)	32	32	31	31	31
Minimum temperature (°C)	25	24	24	24	24
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	2	2	2	2	2
Wind direction (deg)	290	290	290	290	290
Total cloud cover (octa)	1	1	2	2	2
2022 February 05	2022 February 06	2022 February 07	2022 February 08	2022 February 09	
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, if needed. 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.	