



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 04.02.2023 to 08.02.2023)

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 03.02.2023

Weather parameters	04.02.2023	05.02.2023	06.02.2023	07.02.2023	08.02.2023
Rainfall (mm)	0.2	0.2	0	0	0
Maximum temperature (°C)	32	31	31	31	31
Minimum temperature (°C)	25	25	24	24	24
Maximum Relative Humidity (%)	84	84	84	84	84
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	10	12	12	12	12
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	8	7	4	2	6

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

RAINFALL FORECAST FOR NEXT FIVE DAYS				
2023 February 04	2023 February 05	2023 February 06	2023 February 07	2023 February 08
Very light rain	Very light rain	No rain	No rain	No rain

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

### B. Agrometeorological Advisories for crop protection & management

#### C. General and Agrometeorological Advisories for Ernakulum District (RRS Vyttila)

Since dry weather condition is prevailed, irrigation of crops can be continued as per requirement. Since the wind speed may increase, give strong propping to banana and staking to vegetables. Prophylactic measures to control crop pests & diseases can be taken to avoid their spread.

Crop	Pest/ Disease	Crop/ Animal Advisory
Puncha Rice (seedling 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.
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.
Apiculture	Managem ent	Copious flow of extra floral nectar available on rubber trees during January-April can be exploited by shifting bee colonies to these plantations during this period.

Fisheries :- Farmers can culture the following fishes like red snapper, seabass, pearl spot, mullet, pompano, milk fish etc. in brackish water