



## Agromet Advisory Bulletin for Ernakulam District

(Valid from 28.01.2023 to 01.02.2023)

*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*

**AAS Bulletin No: 04/2023, (8) Friday** **dated 27.01.2023**

Weather parameters	28.01.2023	29.01.2023	30.01.2023	31.01.2023	01.02.2023
Rainfall (mm)	0	0	0	0	0.6
Maximum temperature (°C )	31	31	31	31	31
Minimum temperature (°C )	24	24	24	24	24
Maximum Relative Humidity (%)	87	87	87	87	87
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	6	8	8	6	8
Wind direction (deg)	250	290	290	270	290
Total cloud cover (octa)	5	4	5	5	8

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

RAINFALL FORECAST FOR NEXT FIVE DAYS				
2023 January 28	2023 January 29	2023 January 30	2023 January 31	2023 February 01
No rain	No rain	No rain	No rain	Very light rain

**Weather summary / Alert:** Since dry weather condition is prevailed, irrigation of crops can be continued, when required. Above normal rainfall is expected in Kerala.

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

#### C. General and Agrometeorological Advisories for Ernakulam 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
Mundakan Rice	Harvesting Stage	Second paddy crop (Mundakan) is in Harvesting stage
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 cucurbits	Powdery mildew	Spray Dinocap 1 ml per litre or Trichoderma viridae 20g per litre or neem oil 2% as three foliar sprays at 14 days interval on symptom appearance.
Apiculture	Management	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