



Agromet Advisory Bulletin for Ernakulam District

(Valid from 25.01.2023 to 29.01.2023)

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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Weather parameters	25.01.2023	26.01.2023	27.01.2023	28.01.2023	29.01.2023
Rainfall (mm)	3	0.2	0	0	0
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	25	25	25	24	24
Maximum Relative Humidity (%)	88	88	88	88	88
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	6	6	6	6	6
Wind direction (deg)	250	250	250	270	290
Total cloud cover (octa)	8	7	7	6	7

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

RAINFALL FORECAST FOR NEXT FIVE DAYS				
2023 January 25	2023 January 26	2023 January 27	2023 January 28	2023 January 29
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
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