



आजदी  
अमृत महोत्सव

**Gramin Krishi Mousam Sewa (GKMS), Thrissur**  
**Agromet Advisory Bulletin for Ernakulam District**  
**(Valid from 29.1.2022 to 02.2.2022)**



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	29.1.2022	30.1.2022	31.1.2022	01.2.2022	02.2.2022
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	72	72	72	72	72
Minimum Relative Humidity (%)	66	66	66	66	66
Wind speed (kmph)	20	20	16	16	14
Wind direction (deg)	270	250	270	270	270
Total cloud cover (octa)	2	2	5	6	4
2022 January 29	2022 January 30	2022 January 31	2022 February 01	2022 February 02	
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)	
Mundakan Rice	Harvesting stage		Second paddy crop ( <i>Mundakan</i> ) 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.
Various crops	Caterpillars		Neem seed kernel extract 5% (Grind 50g Neem seed kernel to coarse powder, put in muslin cloth bag, keep immersed in 1 L water overnight. Thereafter, squeeze the cloth bag by dipping in water repeatedly till the water coming out from cloth bag becomes clear); <i>Beauveria bassiana</i> 20g per litre can be sprayed; Chlorantranilipole 18.5 SC 3ml / 10 litre water can be sprayed. If the hairy caterpillars are spreading to homesteads, Cypermethrin 1 ml per litre along with a sticker can be applied.
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.
Fish farming	Management-Farmers can culture the following fishes like red snapper, seabass, pearl spot, mullet, pompano, milk fish etc. in brackish water		