



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 11.12.2021 to 15.12.2021)

*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

Weather parameters	11.12.2021	12.12.2021	13.12.2021	14.12.2021	15.12.2021
Rainfall (mm)	0	0	1	2	2
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	88	88	88	88	88
Minimum Relative Humidity (%)	66	66	66	66	66
Wind speed (kmph)	12	12	16	8	10
Wind direction (deg)	250	250	250	270	70
Total cloud cover (octa)	2	6	7	7	8


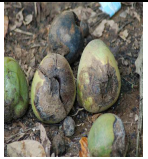

RAINFALL FORECAST FOR NEXT FIVE DAYS

2021 December 11	2021 December 12	2021 December 13	2021 December 14	2021 December 15
No Rain				Very light rain

Weather summary / Alert: Very light rainfall is expected in isolated places of the district.
Below normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

Since there is a chance of dry weather condition due to strong wind and high evaporation, crops may be irrigated, when required. The wind speed may increase. Give strong propping to banana and staking to vegetables.

Crop	Pest/ Disease	Crop/ Animal Advisories (RRS Vyttila)	
Rice (General)	Sheath rot and foot rot		Spray Hexaconazole 5EC 1.5 ml per litre after draining the field
Coconut	Fruit rot and immature nut fall (<i>Lasiodiplodia</i>)		Remove fallen nuts from field, spray 10% garlic bulb extract / Carbendazim 1 ml per L / Hexaconazole 1.5-2 ml per L /Carbendazim 12% + Mancozeb 63% WP 2 g per L excluding newly formed inflorescences.
Turmeric, cowpea, elephant foot yam	<i>Sclerotium</i> rot		Store disease free planting materials for next crop. Before storing corms/rhizomes from diseased fields, treat them with 0.2% Mancozeb/Carbemndazim or <i>Trichoderma</i> (5 g per Kg seeds) dissolved in cow dung supernatant or 0.7% Nanma and dry in shade. Treat seeds with <i>Trichoderma</i> (5 g per Kg seeds) dissolved in cow dung supernatant before planting.
Fish farming	Carp varieties like Catla, Rohu, Mrigal, Grass carp, Silver carp and Common carp and fishes like Varal, Kari, Pangasius and Tilapia can be suitable species for fresh water fish culture.		