



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 01.12.2021 to 05.12.2021)

*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	01.12.2021	02.12.2021	03.12.2021	04.12.2021	05.12.2021
Rainfall (mm)	20	40	10	10	10
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	96	96	96	96	96
Minimum Relative Humidity (%)	76	76	76	76	76
Wind speed (kmph)	3	6	8	8	6
Wind direction (deg)	90	230	230	230	200
Total cloud cover (octa)	8	8	8	6	3




RAINFALL FORECAST FOR NEXT FIVE DAYS

2021 December 01	2021 December 02	2021 December 03	2021 December 04	2021 December 05
Moderate rain	Moderate rain	Light rain	Light rain	Light rain

Weather summary / Alert: Moderate rainfall is expected in the district and light rainfall in isolated places.
Above normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

General Advisory: Provide sufficient drainage facilities in agricultural lands.
Spraying should be done only on dry/clear weather conditions.
Do not keep the harvested produces like rice, rubber, copra and fertilizers at open places.
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>Lasioidiplodia</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/Carbendazim or <i>Trichoderma</i> (5 g per Kg seeds) dissolved in cow dung supernatant or 0.7% Nanna 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.		