



**Gramin Krishi Mousam Sewa (GKMS), Thrissur**  
**Agromet Advisory Bulletin for Ernakulam District**  
**(Valid from 15.12.2021 to 19.12.2021)**

*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	15.12.2021	16.12.2021	17.12.2021	18.12.2021	19.12.2021
Rainfall (mm)	2	2	2	2	2
Maximum temperature (°C )	32	32	32	32	32
Minimum temperature (°C )	25	25	25	25	25
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	6	8	6	6	8
Wind direction (deg)	270	270	250	230	230
Total cloud cover (octa)	6	6	4	4	5




**RAINFALL FORECAST FOR NEXT FIVE DAYS**

2021 December 15	2021 December 16	2021 December 17	2021 December 18	2021 December 19
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 should be irrigated, when required. Since 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
Tree crops	Pink disease	 Drench and spray Hexaconazole 5EC 2ml per litre. Once the rain subsides, cut the affected branches or swab 10% Bordeaux paste or Copper oxy chloride (10g per litre).
Cool season vegetables	Management	 Necessary irrigation to be provided for cabbage and cauliflower till the formation of head / curd. Cover the curd with 3-4 surrounding leaves to prevent discoloration when the flower is half mature stage (blanching).
Poultry		Protective measures for poultry layers in winter season- Preventive measures like vaccination/antibiotics to be given against viral/bacterial diseases. Poultry feed to be kept in closed containers to get rid of fungal attack. To maintain egg production, lighting with bulbs can be provided up to 16 hours.