



आजदी
का
अमृत महोत्सव



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 22.12.2021 to 26.12.2021)

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

AAS Bulletin No: 52/2021, (103) Tuesday dated 21.12.2021

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

Weather parameters	22.12.2021	23.12.2021	24.12.2021	25.12.2021	26.12.2021
Rainfall (mm)	0	0	0	1	0
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	24	24	25	25	25
Maximum Relative Humidity (%)	88	88	88	88	88
Minimum Relative Humidity (%)	58	58	58	58	58
Wind speed (kmph)	8	8	8	6	6
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	4	4	4	4	4




RAINFALL FORECAST FOR NEXT FIVE DAYS

2021 December 22	2021 December 23	2021 December 24	2021 December 25	2021 December 26
No rain			Very light rain	No rain

Weather summary / Alert: Due to no rainfall and prevailing dry weather conditions, 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

Due to no rainfall and prevailing dry weather conditions, irrigation of crops can be continued, 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	Rice bug		Keep the field and bunds free of weeds and grasses. Avoid overlapping cultivation in an area. Spray fish jaggery extract (20 ml/ litre water) or chitin based <i>Pseudomonas fluorescens</i> 20 gram in one litre of water. If the attack is severe, spray Azadiractin 10 ml or malathion 2 ml per litre of water. Pesticide application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
Vegetables	Sucking pests		Spraying of <i>Leccanicilium leccani</i> 20 g / L at weekly intervals to be done from the initial stage of infestation. Higher population of the pests can be suppressed by spraying Neem based insecticides or Dimethoate 30 EC (1.5 ml / L) or Thiamethoxam 20 WG (2g / 10 L). The spray fluid should be directed towards either side of leaves. In the case of mealy bugs, white flies etc., spraying of soap solution to be done before the application of chemicals to dissolve the waxy covering.
vegetables	Powdery mildew in cucurbits		Spray Dinocap 1 ml per litre or <i>Trichoderma viridae</i> 20g per litre or neem oil 2% as three foliar sprays at 14 days interval on symptom appearance.
Fish farming	Fish farmers are advised to keep sunshade net over fish pond which will be helpful to control over growth of green planktons.		