



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 10.11.2021 to 14.11.2021)

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: 46/2021, (91) Tuesday dated 09.11.2021




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

Weather parameters	10.11.2021	11.11.2021	12.11.2021	13.11.2021	14.11.2021
Rainfall (mm)	40	70	40	20	20
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	25	24	24	24	24
Maximum Relative Humidity (%)	93	93	93	93	93
Minimum Relative Humidity (%)	76	76	76	76	76
Wind speed (kmph)	6	6	14	16	14
Wind direction (deg)	290	340	320	270	230
Total cloud cover (octa)	7	8	7	7	7

Weather summary / Alert: Moderate rainfall is expected in the district and heavy rainfall in isolated places.
 Above normal rainfall is expected in Kerala.
 Isolated heavy rainfalls are likely to occur on days -1,2, 3 & 4

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 etc. and fertilizers at open places. Give strong propping to banana and staking to vegetables.

Crop	Pest/ Disease	Crop/ Animal Advisories (RRS Vyttila)	
Pokkali rice	-		Pokkali rice is in harvesting stage
Coconut	Rhinoceros beetle		Field sanitation is required during rainy season. Top most three leaf axils may be filled with 25g neem cake and 200g sand mixture or naphthalene balls and sand as a prophylactic measure and repeat this procedure 45 days interval; Crown cleaning followed by the application of 20g cartap hydrochloride 4G/ Fipronil 0.3G/ Carbosulphan 6G mixed with 200g sand on top three leaf axils; mist net balls can be inserted around leaf spindles.
Many crops	African snails		Copper sulphate 3g/ litre or Copper Oxy Chloride 3g/litre or mixture of copper sulphate solution and tobacco decotion can be sprayed on crops during clear sky weather. If the population is less, bleaching powder or copper sulphate can be applied around the basins. Overnight traps can be set using papaya leaves and or cabbage leaves and covered with wet gunny bags or jute bag pieces, destroy the trapped snails using common salt. Remove and expose the damaged bark near bases and spray Carbosulphan 0.25% or 10% Bordeaux paste can be painted on the stem base;
Animal husbandary	Keep cattle feeds dry as there is a chance of contamination by fungus producing Aflatoxin which is harmful to cattle.		