



Agromet Advisory Bulletin for Ernakulam District

(Valid from 21.9.2022 to 25.9.2022)

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: 38/2022, (75) Tuesday dated 20.9.2022

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

Weather parameters	21.09.2022	22.09.2022	23.09.2022	24.09.2022	25.09.2022
Rainfall (mm)	0.6	0.1	0.1	0.1	0.1
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	88	88	88	88	88
Minimum Relative Humidity (%)	64	64	64	64	64
Wind speed (kmph)	3	4	3	4	4
Wind direction (deg)	270	290	250	290	290
Total cloud cover (octa)	4	3	3	3	2

RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 September 21	2022 September 22	2022 September 23	2022 September 24	2022 September 25
Very light rain	Very light rain	Very light rain	Very light rain	Very light rain

Weather summary / Alert: Very light rainfall is expected in the district. Normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

C. General and Agrometeorological Advisories for Ernakulum District (RRS Vyttila)

Proper drainage facilities have to be ensured in the field.
If necessary, spray pesticides mixing with stickers during clear sky.

Crop	Pest/ Disease	Crop/ Animal Advisory
Paddy (virippu) Panicle Emergence	Rice bug	There is a chance of rice bug attack in paddy. Spray fish jaggery extract (20 ml/litre of water) or spray chitin based Pseudomonas fluorescens 20 gram in one litre of water. If the attack was severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination. Spraying should be in spiral manner, beginning at the field bunds and progressing towards the field centre.
Pepper	Quick wilt	As a prophylactic measure, apply 2.5 kg of Trichoderma enriched farm yard manure to each pepper plant as a precaution. (or) spray 20 grams of pseudomonas in one liter of water. Infected vines should be pruned and spray with a 1% Bordeaux mixture (or) drench the basin with 2.5 grams of copper oxychloride in one liter of water.
Ginger	Stem borer	There is a chance of stem borer in ginger. Spray 20 g of Beauveria per one litre of water to control stem borer.

Animal Husbandry- Care should be taken to prevent rat nuisance in cattle shed premises. (CAADECCS, KVASU, Mannuthy).