



Agromet Advisory Bulletin for the District, Malappuram

(Valid from 30.07.2025 to 03.08.2025)

(Issued jointly by Kerala Agricultural University Regional Agricultural Research Station Pilicode & India Meteorological Department)



Bulletin Number: Pilicode/Mpm-60/2025

Date: 29/07/2025

A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
181.1	24.1 – 30.5	21.8 – 24.8	64 – 96	06 – 12

B. Weather forecast for next five days

Parameters	30-07-2025	31-07-2025	01-08-2025	02-08-2025	03-08-2025
Average Rainfall, mm	7	3	2	3	7
Max. Temp, °C	31	31	31	31	31
Min. Temp, °C	25	25	25	25	25
Max. Relative Humidity, %	95	95	95	95	95
Min. Relative Humidity, %	70	70	70	70	70
Wind speed, km/h	4	5	14	12	12
Wind direction, degrees	320	290	290	290	340
Total cloud cover, octa	7	8	8	7	8

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General Condition	Light to Moderate Rainfall**		
	The sky will be cloudy. High relative humidity will be experienced. The atmospheric temperature will come down. There will be light to moderate rainfalls from July 31 to August 02.		
Weather warning	Chances for light to moderate rainfall on July 29.		
Impacts	Difficulty in drying agricultural produce in open conditions. Chances for fall off of slender stemmed fruits and vegetables. Chances for water stagnation in the fields.		
General Recommendations	The increased temperature and humidity that was experienced during the last weeks might have caused the spread of fruiting bodies of fungal diseases like rots and wilts in coconut, arecanut, black pepper, rubber, ginger, banana etc. Keep hygiene in plantations. Infected nuts, leaves and tree parts should be removed from the fields and burnt. Weather conditions will be favourable for the application of fertilizers to the crops. Apply fertilizers based on the actual requirements for the present stage of each crop. For rainfed tree crops, usually fertilizers are applied in two splits in a year. If the first dose is not given so far apply it very soon.		

Rice	All stages	Blight	In places where flooding occurred, there are chances of appearing blight and decaying of plants. As a precautionary measure place perforated bags which contain bleaching powder (2kg/acre), on the face of entry of water into the fields.
Coconut	Newly planted seedlings	Water stagnation and decaying of growing bud (bud rot)	Do not allow water stagnation in the planted pits. Provide bunds around the pits to prevent the collection of runoff water in the pits. After the cessation of heavy rainfall, spray 1 % Bordeaux Mixture on the leaves and growing buds, only after mixing with a sticking agent to the fungicide.
Turmeric	1 to 2 months age	Shoot borer 	Spray Flubendiamide (Fame -1 ml in 10 litres of water) 2-3 times at weekly interval.
Banana	All stages	Sigatoka disease 	Cut and remove lower affected leaves and burn them outside the plantation. Never drop such cut leaves in the plantation. Spray Tilt or Contaf (@2ml/litre of water). Apply 20% extra potash, in addition to recommended dose, in the basins.
Ginger	Early growth stage	Stem borer 	Apply any neem based insecticide @4ml/l or Spray Flubendiamide (Fame -2 ml in 10 litres of water) 2-3 times at weekly interval.
Cow	Any stage	Ephemeral Fever 	Ephemeral fever (BEF) is a disease that affects cattle and buffalo and is marked by a short fever, shivering, lameness and muscular stiffness. This disease may cause decline in milk production, lowered fertility and abortion. Treatment: Phenyl butazone sodium (200mg) 10ml/cattle should be given for 3 days in two divided doses.

**** Warning colour codes of rainfall (for disaster management)**

Warning (Take actions)	Alert (Be prepared)	Watch (Be updated)	No warning (No actions)
-------------------------------	----------------------------	---------------------------	--------------------------------