



Agromet Advisory Bulletin for the District, Malappuram

(Valid from 03.09.2025 to 07.09.2025)

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



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Date: 02/09/2025

A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
64.3	26.0 – 29.6	23.1 – 24.3	78 – 96	06 – 14

B. Weather forecast for next five days

Parameters	03-09-2025	04-09-2025	05-09-2025	06-09-2025	07-09-2025
Average Rainfall, mm	0.5	5	4	2	3
Max. Temp, °C	29	29	29	29	29
Min. Temp, °C	25	25	25	25	25
Max. Relative Humidity, %	90	95	95	95	95
Min. Relative Humidity, %	80	83	83	83	83
Wind speed, km/h	4	4	8	5	3
Wind direction, degrees	320	290	270	290	270
Total cloud cover, octa	8	8	8	8	7

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General Condition	Light to moderate Rainfall**		
	The sky will be partially or fully cloudy. High relative humidity will be experienced. The atmospheric temperature will be high.		
Weather warning	There will be heavy rainfalls on September 03 in isolated places. There will be light to moderate rainfalls from September 04 to 06.		
Impacts	Damaging and losses or deteriorating quality of the open drying agricultural produces like copra, rubber, cashew nuts, seeds, food materials for processing etc.. Damages and losses may occur for crops having slender stems like banana and vegetables. Breaking branches and or trees may occur. 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. Postpone fertilizer applications to the crops		

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	All stages	Bud rot 	Detection of disease at its early stage will help to adopt efficient corrective measures. Cut and remove the affected tissues from the crown and apply Bordeaux paste. After that cover the cut surface with polythene sheets to protect it from rain falls until new leaf emerges. Burn the removed tissues immediately. As a prophylactic measure spray 1% Bordeaux mixture into the axils of top leaves of the surrounding palms
Black pepper	Newly planted/early growth stages	Quick wilt disease 	Spray Redomil (@2g/litre of water) or copper oxy chloride (@3g/litre of water) Drench the soil in the basins with the same preparation (@ 5 litre per vine) as mentioned above.
Black pepper	Bearing stage	Pollu beetle/disease 	As a pyrolytic measure spray spray 1% Bordeaux mixture mixed with quinalphos (2ml/litre of Bordeaux mixture). If attack is seen spray solution containing hexaconazole (5ml) + cyhalothrin (3ml) per 5 litres of water.
Ginger	Early growth stage	Wilt disease 	Apply lime @ 200 kg per acre of land and thoroughly mix with soil. Use bio control agents, Trichoderma/Pseudomonas. Pull out and destroy the affected plants immediately when the disease is noticed. Drench the fields with 1% Bordeaux mixture
Okra	All stages	Shoot and Fruit borer 	Spray neem oil emulsion @ 5 %, at intervals of 15 to 20 days. OR Spray quinalphos 25 EC (2 ml per litre of water).

Cow	Any stage	FMD (Foot and Mouth disease) 	Foot and Mouth disease is a highly transmissible disease caused by infection with an Aphthovirus. The infection results in vesicular lesions in and around the mouth and on the feet, resulting in the reluctance of an animal to eat or move. Prevention: Ensure hygienic conditions for the individual animals as well as their shelter and its surroundings. Boost the immunity of cattle by supplementing feeds with vitamins and minerals containing health tonics. If disease appears, give medication under the supervision of a Veterinary doctor immediately.
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**** Warning colour codes of rainfall (for disaster management)**

Warning (Take actions)	Alert (Be prepared)	Watch (Be updated)	No warning (No actions)
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Nodal Officer,
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