



Agromet Advisory Bulletin for the District, Malappuram

(Valid from 01.10.2025 to 05.10.2025)

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



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Date: 30/09/2025

A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
78.1	28.9 – 30.6	23.3 – 26.0	70 – 90	00 – 08

B. Weather forecast for next five days

Parameters	01-10-2025	02-10-2025	03-10-2025	04-10-2025	05-10-2025
Average Rainfall, mm	1	0.2	0.5	0.1	0.1
Max. Temp, °C	31	31	31	31	31
Min. Temp, °C	25	25	25	25	25
Max. Relative Humidity, %	85	85	85	85	85
Min. Relative Humidity, %	72	72	72	72	72
Wind speed, km/h	6	3	3	3	2
Wind direction, degrees	200	270	270	270	270
Total cloud cover, octa	6	6	6	5	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 light to moderate rainfalls from October 01 to 04.		
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. High temperature during daytime may cause high rate of evaporation of water from the soil.		
General Recommendations	Do not attempt to dry the products like rice, rubber, copra, pulses, vegetable seeds, etc directly under sun. Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc. Clean the drainage channels in crop lowlands to enable proper drainage of excess water in case of exigencies if any. Do not shelter the cattle in houses with weak structures. Keep animal feeds, seeds, fertilizers etc. in termite free and moist free rooms on elevated platforms coated with wooden panels. Provide mulching to crops to reduce waterloss from soil.		

Rice	All stages	Case worm 	Destroy the dislodged larvae. After pulling a rope swabbed with kerosene or engine oil. Drain away the water from the fields. Broadcast the mixture containing 1L of kerosene in 25 kg of saw dust or sand in the field.
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
Areca nut	All stages	Mahali disease 	Apply Bordeaux mixture (1%) to the bunch and leaves.
Black pepper	All stages	Foot rot 	As prophylactic measure, apply 150 gram of Trichoderma enriched neem cake - cow dung mixture in the basins of the vines and incorporate thoroughly with the soil. If disease already appeared, drench soil in the plant basins with Redomil 0.2% (2g/litre of water). Spray the same on the leaves also.
Cashew	Pre-bearing stages	Tea mosquito bug 	Prophylactic measures: 1) The fungal biological control agent, <i>Beauveria bassiana</i> can be sprayed @ 20g/L Or 2) Spray 1% Bordeaux mixture mixed with quinalphos (2ml/litre of Bordeaux mixture)
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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