



Agromet Advisory Bulletin for the District, Malappuram

(Valid from 13.09.2025 to 17.09.2025)

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



Bulletin Number: Pilicode/Mpm-73/2025

Date: 12/09/2025

A. Weather Summary of preceding four days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
0.0	29.9 – 31.1	24.3 – 25.6	69 – 94	04 – 12

B. Weather forecast for next five days

Parameters	13-09-2025	14-09-2025	15-09-2025	16-09-2025	17-09-2025
Average Rainfall, mm	0.2	0.2	0.1	0.3	1
Max. Temp, °C	31	31	31	31	31
Min. Temp, °C	25	25	25	25	25
Max. Relative Humidity, %	80	80	80	80	80
Min. Relative Humidity, %	70	70	70	70	70
Wind speed, km/h	3	3	3	3	3
Wind direction, degrees	200	200	270	200	270
Total cloud cover, octa	7	7	8	8	8

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 September 13 to 16.		
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 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.		

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
Coconut	All stages	Yellowing of coconut 	Incorporate lime or dolomite @ 2 kg/palm to the basins of the palms. After two weeks, apply borax @ 200g/palm and zinc sulphate @ 100g/palm and magnesium sulphate @500g/palm and potash @ 2kg/palm
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.
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)
Banana	Various stages of growth	Leaf eating caterpillar 	Ensure good drainage in the garden. Organic insecticides such as Shreya, Nanma etc. should be mixed with 10 ml of one liter of water and sprayed on both sides of the leaves. Spray quinalphos 20 EC (2 – 4 ml per litre of water). Spray flubendiamide 39.35 SC (2 ml, 10 litre of water).

Cow	Milking	Mastitis 	The disease is common on cows which are sheltered in unhygienic conditions. <u>Symptoms:</u> - The symptoms are change in composition of milk and turning the milk into a yellow watery liquid, severe fever, lack of appetite, abortions etc. If not treated the cow may lose its milk yielding capacity permanently. Also the cow may lose mobility and gradually death may occur. <u>Prevention:</u> - Ensure hygienic conditions for the individual animals as well as their shelter and its surroundings. The milking machines should be cleaned properly after every use. 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.
-----	---------	--	--

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

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

Sd/-
Nodal Officer,
GKMS Project, RARS Pilicode