



Agromet Advisory Bulletin for the District, Malappuram

(Valid from 29.10.2025 to 02.11.2025)

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



Bulletin Number: Pilicode/Mpm-86/2025

Date: 28/10/2025

A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
75.4	26.0 – 32.1	22.8 – 25.2	65 – 95	06– 14

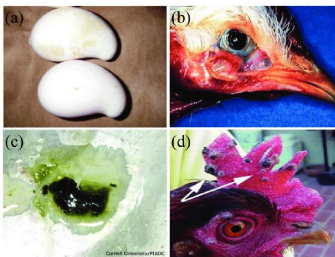
B. Weather forecast for next five days

Parameters	29-10-2025	30-10-2025	31-10-2025	01-11-2025	02-11-2025
Average Rainfall, mm	8	7	1	0.5	0.3
Max. Temp, °C	31	31	31	31	31
Min. Temp, °C	24	24	24	24	24
Max. Relative Humidity, %	90	90	90	90	90
Min. Relative Humidity, %	80	80	80	80	80
Wind speed, km/h	3	4	3	4	3
Wind direction, degrees	180	290	200	230	230
Total cloud cover, octa	8	6	7	5	5

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General Condition	Light to moderate Rainfall**		
	There will be rainfall on next five days. 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 rainfall from October 29 to November 01.		
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. Keep animal feeds, seeds, fertilizers etc. in termite free and moist free rooms on elevated platforms coated with wooden panels. Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc Provide mulching to crops to reduce waterloss from soil.		
Rice	Transplanting stage for second crop	Dip the roots of the seedlings in slurry of pseudomonas (20g pseudomonas/litre of water) for 30 minutes just before transplanting. This will help the seedlings to grow vigorously.	

		Apply fertilizers at the occasion of no rainfalls, after lowering the water and blocking all drainage channels. While transplanting, apply 400g urea, 900g mussooriephos and 150g muriate of potash for the medium duration varieties and 400g urea, 700g mussooriephos and 120g muriate of potash for the short duration varieties to each cent (40 square meter) of land area.	
Vegetables	Transplanting/ sowing	While preparing the land, incorporate lime @ 4kg/cent to the soil. Use Trichoderma enriched farm yard manure/compost. This will check the spread of wilt diseases. Before transplanting, dip the roots of the seedlings in slurry of pseudomonas (20g pseudomonas/litre of water) for 30 minutes. This will help the seedlings to grow vigorously. Also the seedlings can be sprayed with diluted pseudomonas culture solution (@20ml dissolved in one litre of water).	
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	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 is already appeared, drench soil in the plant basins with Redomil 0.2% (2g/litre of water). Spray the same on the leaves also.
Banana	All stages	Fusarium wilt 	Drench basal soil with bavistin @ 1ml/litre of water Additionally, keep small masculine cloth bag filled with 25-50g beaching powder in the basins of the plants.
Mango	Allstages	Gummosis and die back 	Apply Bordeaux paste on the affected portions on the shoots. Drench hexaconazole (@2ml/litre) in the basins.

Poultry	All stages of growth	Newcastle Disease 	Newcastle disease or Ranikhet disease is a highly contagious disease of birds caused by a para-myxo virus. This infection results gasping and coughing, drooping wings, dragging legs, twisting of the head and neck, circling, in appetite, complete paralysis. Prevention: Ensure complete hygiene condition for birds and chicken coops. Provide vaccinations with Live B1 and La Sota strains administered in drinking water intranasally or intraocularly.
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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,
GKMS Project, RARS Pilicode