Agromet Advisory Bulletin for the District, Malappuram

(Valid from 03.01.2026 to 07.01.2026)

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

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A. Weather Summary of preceding four days

Rainfall, mm	Max. temp., ºC	Min. temp., ºC	R. H., %	Wind speed, Km/h
0.0	30.4 – 31.6	22.8 – 24.1	60 – 85	06 – 08

B.Weather forecast for next five days

Parameters	03-01-2026	04-01-2026	05-01-2026	06-01-2026	07-01-2026
Average Rainfall, mm	0.1	0	0	0	0
Max. Temp, ºC	32	32	32	32	32
Min. Temp,ºC	24	24	24	24	24
Max. Relative Humidity, %	75	75	75	75	75
Min. Relative Humidity, %	65	65	65	65	65
Wind speed,km/h	3	3	3	3	3
Wind direction, degrees	200	270	200	200	360
Total cloud cover, octa	6	4	3	3	3

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General Condition	**No Rainfall****		
	The sky will be partially cloudy. Atmospheric humidity will be normal. Low night temperature and high day temperature will be experienced. Hence there will be distinct difference between day time temperature and night temperature.		
Weather warning	There will be light rainfall on January 03. No rainfall from January 04 to 07		
Impacts	Damages and losses may occur for crops having slender stems like banana and vegetables. High temperature during daytime may cause high rate of evaporation of water from the soil. Direct exposure to sunlight may cause sunburn and injuries animals.		
General Recommendations	Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc Provide mulching to crops to reduce water loss from soil. For mulching, the trashes used should be free of any pest and diseases. Avoid the trashes of the same species as mulch. This will help to prevent the multiplication of crop specific pest and disease causing organisms. Powdering the top soil using a secondary tillage implement and spreading it uniformly over the field, will help to conserve water for a long period of time in the fields. Adopt drip irrigation method for maximum water use efficiency. Provide shade net for vegetable crops and ensure irrigation. Do not keep animals under open conditions for a long time. Provide sufficient drinking water to them.		

Coconut	Various growth stages	Rugose White fly 	As this is a sap sucking pest, its infestation will be heavy during the hot and dry climatic periods. The sticking property of the gum secreted by the insects may lose in moist conditions. Adopting mulching and irrigations may help the plants to keep the leaves' surfaces moist. On young palms intermittently sprinkle water on the leaves also.
Arecanut	All stages	Spindle Bug 	Spray Dimethoate 30EC(1.5 ml/litre of water
Various crops	Various stages	Sucking pests  The climate is favourable for the spread of sucking pests like mealy bug, jasids, aphids, mites, bugs etc. If not controlled properly they will act as vectors and may spread virus diseases.	To control the pests apply neem oil emulsion (5 ml. neem oil mixed in one litre of luke warm soap water solution) Or Apply malathion 50 EC @ 2 ml + neem oil 4ml per litre of water
Cucurbitaceous Vegetables	Flowering and fruit setting	Melon fruit flies 	Keep pheromone traps. Spray Malathion:- Mix 2 ml of Malathion in one litre of water. Dissolve 10g of jaggery in the solution to attract the flies. Spray this solution on lower sides of the leaves
Pumpkin	All stages	Pumpkin beetle 	Apply malathion 50 EC @ 3 ml / litre of water or malathion 50 EC @ 2 ml + neem oil 4ml per litre of water. After irrigation, drench the soil with malathion 50 EC @ 3 ml / litre of water. After the application of insecticide, with hold irrigation on next two days.
Mango	Flowering stage	Mango hoppers 	Spray Azadirachtin (@5ml/litre Azadirachtin 3000pmm)

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

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

Sd/-
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