



Agromet Advisory Bulletin for the District, Malappuram

(Valid from 17.12.2025 to 21.12.2025)

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



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Date: 16/12/2025

A. Weather Summary of preceding five days








Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
0.0	32.0 – 32.4	20.6 – 22.7	58 – 74	06 – 16

B. Weather forecast for next five days

Parameters	17-12-2025	18-12-2025	19-12-2025	20-12-2025	21-12-2025
Average Rainfall, mm	0	0	0	0	0
Max. Temp, °C	32	32	32	32	32
Min. Temp, °C	21	21	21	21	21
Max. Relative Humidity, %	75	75	75	75	75
Min. Relative Humidity, %	60	60	60	60	60
Wind speed, km/h	3	3	4	3	3
Wind direction, degrees	200	180	200	200	160
Total cloud cover, octa	3	3	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	No rainfall from December 17 to 21.		
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	<p>Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc</p> <p>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.</p> <p>Adopt drip irrigation method for maximum water use efficiency.</p> <p>Provide shade net for vegetable crops and ensure irrigation.</p> <p>Do not keep animals under open conditions for a long time. Provide sufficient drinking water to them.</p>		

Coconut	All stages	<p>Basal rot</p> 	<p>Drench the basin with Hexaconazole (25 ml in 25 L of water).</p> <p>After one week apply lime @ 2 kg per palm. Apply Potash @ 1 kg per palm three weeks after lime application to improve the health of palm, in addition to the regular dose.</p> <p>Avoid flood irrigation to prevent the spread of pathogen.</p>
Banana	Various stages of growth	<p>Sigatoka leaf spot</p> 	<p>Cut and burn all affected leaves.</p> <p>Spray Tilt or Contaf (@ 2ml per litre)</p>
Amaranthus	All stages	<p>Leaf blight</p> 	<p>Avoid overhead irrigation. Irrigate gently the basal regions of the plants. If disease is severe, apply cow dung slurry supernatant (2%) as foliar spray and Pseudomonas fluorescens (2%) or Trichoderma viridae (2%) as soil application.</p>
Cucurbit Vegetables	Planting	<p>Downy mildew</p> 	<p>As a prophylactic measure apply 'Mancozeb' (@ 2g/l of water). If disease appeared, spray Akomin® (@3ml/L) on both surfaces of the leaves, thrice at 15 days interval. Remove and burn out the infested leaves.</p>
Cucurbitaceous Vegetables	Flowering and fruit setting	<p>Melon fruit flies</p> 	<p>Keep pheromone traps.</p> <p>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</p>
Chilli	Growth phase	<p>Late spot</p> 	<p>Spray Mancozeb or Saaf (2g/litre of water) or Potassium phosphonate (2ml/litre of water)</p>
Mango	Flowering stage	<p>Mango hoppers</p> 	<p>Spray Azadirachtin (@5ml/litre Azadirachtin 3000pmm)</p>

**** 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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