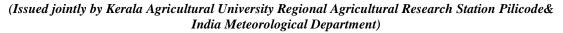


## Agromet Advisory Bulletin for the District, Malappuram

(Valid from 19.02.2025 to 23.02.2025)





Bulletin Number:Pilicode/Mpm-14/2025 Date: 18/02/2025

## A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
0.0	32.8 – 35.4	23.3 – 24.9	53 –88	10 – 12

## B. Weather forecast for next five days

Parameters	19-02-2025	20-02-2025	21-02-2025	22-02-2025	23-02-2025
Average Rainfall, mm	0	0	0	0	0
Max. Temp, °C	35	35	35	35	35
Min. Temp,°C	25	25	25	25	25
Max. Relative Humidity, %	88	88	88	88	88
Min. Relative Humidity, %	53	53	53	53	53
Wind speed,km/h	2	3	2	4	5
Wind direction, degrees	250	270	230	250	250
Total cloud cover, octa	2	3	3	4	5

## C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories		
	No Rainfall **				
General	The sky will be cloudy. High relative humidity will be experienced.				
conditions	Low night temperature and high day temperature will be experienced. Hence there will be				
	distinct difference between day time temperature and night temperature.				
	No rainfall from February 18 to 22.				
General	Mulch the crop basins.				
Recommendat	Irrigate the crop when the water is available in the evening or early morning. Adopt drip irrigation				
ions	method for maximum water use efficiency.				
	Foliar spray of nitrogen fertilizers and micronutrients during the dry spell pro-				
	e rainy season.				
	Remove the weeds from fields. Those weeds can be used for mulching to avoid water loss.				
	mulch to conserve soil moisture, remove				
	weeds and break soil surface crust.				

	Restrict the application of chemical fertilizers and poultry manure in un-irrigated areas.			
	Apply lime on tree trunk.			
Coconut	All stages	Drought Management	1) Cut two green leaves from the bottom layer, to reduce the water loss from the tree. 2) Apply compost/dried leaves in the basins to increase water holding capacity. 3) Adopt drip irrigation. This will minimize the irrigation water loss. Protect the newly planted young seedlings from direct sunlight falling on it by providing good shades.	
Coconut	Various stages	Leaf eating caterpillar	The season is congenial for the spread of leaf eating caterpillars in coastal areas. Cut and burn the affected leaves. Release larval parasitoids, <i>Goniozus nephantidis</i> , @10 nos/palm (4-6 release) on the trunk	
Mango	Fruit maturing stage	Mango fruit flies	Collect and destroy the fallen fruits by taking deep pits atleast 60 cm depth. Set up pheromone trap (methyl eugenol trap) @ 1 trap/15 cents.	
Cashew	Flushing and flowering stage	Tea mosquito bug attack and associated fungal diseases	Spray of combination of Mancozeb (@2g/litre) + Ekalux (2ml/litre)	
Arecanut	Seedlings (3-4 years)	Leaf blight ,Bud rot	Leaf blight :Apply 1% Bordeaux mixture	

Arecanut	Bearing palms	Inflorescence die back and button shedding	Warm humid conditions may cause this disease. Spray Hexaconazole (Contaf) 1 ml/litre or Bordeaux mixture 1%. Repeat after 20-25 days.
Okra	All stages	Shoot and Fruit borer	Spray neem oil emulsion @ 5 %, at intervals of 15 to 20 days.  Or  Spraying with quinalphos 25 EC (2 ml per litre of water).
Cowpea	All stages	Aphid	Spay 3% Neemoil garlic emulsion or Dimethoate @ 2 ml/L

\*\* 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