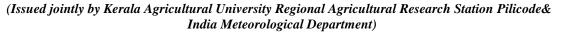


## **Agromet Advisory Bulletin for the District, Malappuram**

 $(Valid\ from\ 04.06.2025\ to\ 08.06.2025)$ 





Bulletin Number:Pilicode/Mpm-44/2025 Date: 03/06/2025

## A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
141.8	25.2 - 31.7	23.2 - 24.8	70 – 98	06 – 18

## B. Weather forecast for next five days

Parameters	04-06-2025	05-06-2025	06-06-2025	07-06-2025	08-06-2025
Average Rainfall, mm	20	10	1	2	4
Max. Temp, °C	32	32	32	32	32
Min. Temp,°C	25	25	25	25	25
Max. Relative Humidity, %	90	90	90	90	90
Min. Relative Humidity, %	80	80	80	80	80
Wind speed,km/h	4	4	4	2	4
Wind direction, degrees	200	200	200	270	200
Total cloud cover, octa	8	8	5	7	8

## C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories		
	Light to Moderate Rainfall**				
General Condition	The sky will be cloudy. High relative humidity will be experienced. The atmospheric temporal will come down				
	There will be heavy rainfall on June 04 in isolated places.				
	There will be light to moderate rainfalls from June 05 to 07.				
Weather warning	Heavy rainfall is very likely to occur at isolated places over Malappuram district on June 04				
Impacts	Difficulty in drying agricultural produce in open conditions.				
	Chances for fall off of slender stemmed fruits and vegetables.				
	Chances for water stagnation in the fields.				
General Recommendati	Take care while drying the harvested products like rice, rubber, copra, pulses, vegetable seeds, etc directly under sun. Do not heap the harvested products in the field itself.				
ons	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. Add bleaching powder in the water stagnationg fields.				
	Keep animal feeds, seeds, fertilizers etc. in termite free and moist free rooms on elevated platforms coated with wooden pannels.				
	Provide mulch at the base of the crop to prevent soil and root damage.				

Use sticking agents also while spraying and it should be done when there is no rainfall.					
Paddy (Viruppu: First crop season)	Sowing	Broadcast sowing/ Nursery preparation for transplanting can be initiated in places were moisture availability is ensured.			
		Preparation of seeds:- To prevent seed borne diseases, dress the seeds with Pseudomonas @10g/kg of seeds before sowing  Nursery preparation for transplanting Apply dried and powdered farm yard manure or compost while preparing the nursery @1kg/m² and thoroughly incorporate to the soil.			
Rice	Nursery stage	Brown leaf spot	If the disease is severe Spray Mancozeb 75WP at the rate of 3g/ litreof water OR spray Carbendazim + Mancozeb 75WP at the rate of 2g/ litreof water		
Coconut	All stages	Rhinoceros beetle  Dwarf varieties and young palms are more vulnerable to the attack.	Take out the beetles from the attacked palm crown using beetle hook. Swab the hole made by the beetles with Bordeaux paste to prevent entry of fungus through the cut surface.		
			Old fishnets can be reused for controlling the pest. Cut the nets into pieces of size 1m x 0.5m. Keep the middle portion of the net, lengthwise into the axils of 3 <sup>rd</sup> and 4 <sup>th</sup> leaf whirls of the palm. Push the net firmly with small stones into the axils. The hanging sides of the net should be kept open. The beetles will be trapped in the nets and get destroyed. Care should be taken to move the nets to upper leaf axils accordingly while fresh leaves are emerging.		
Coconut	All stages	Bud rot	As a preventive measure, small perforated sachets containing 2 g of mancozeb may be tied to the top leaf axil. When rains, a small quantity of the fungicide is released from the sachets to the leaf base and thus protecting the palm.  Spray 1% Bordeaux mixture on the crown of 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 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	Pseudostem weevil	Field sanitation. Remove the affected parts and burn it using kerosene. Apply fipronil 0.015% (3 ml l <sup>-1</sup> ). Apply Beauveria bassiana @ 20 g l <sup>-1</sup> at 5, 6 and 7 month after planting.
Banana	Various stages of growth	Sigatoka leaf spot	There should not be any water stagnation in the basins of the crop. As prophylactic measures spray Pseudomonas (@ 20g/litre) at fortnight intervals.  If disease appears:-Cut and burn all affected leaves. Spray Carbendazim and Mancozeb (@ 2ml per litre) alternatively at fortnight interval.
Ginger/ Turmeric	Sowing	Rot and wilt diseases	As a precaution, use Trichoderma enriched Farm Yard Manure.  OR  Apply Trichoderma directly onto the moist soil (@ 25g each of Trichoderma per every 100 square meters of the seed bed).

<sup>\*\*</sup> 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