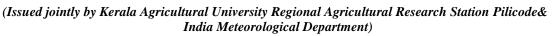


Agromet Advisory Bulletin for the District, Kozhikode

 $(Valid\ from\ 30.08.2025\ to\ 03.09.2025)$





Bulletin Number:Pilicode/ Kkd -69/2025 Date: 29/08/2025

A. Weather Summary of preceding four days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
159.2	27.2 - 33.9	23.4 - 24.9	70 – 98	00 - 00

B. Weather forecast for next five days

Parameters	30-08-2025	31-08-2025	01-09-2025	02-09-2025	03-09-2025
Average Rainfall, mm	20	7	4	3	4
Max. Temp, °C	27	27	27	27	27
Min. Temp,°C	23	23	23	23	23
Max. Relative Humidity, %	95	95	95	95	95
Min. Relative Humidity, %	90	90	90	90	90
Wind speed,km/h	4	4	3	4	4
Wind direction, degrees	270	290	320	340	290
Total cloud cover, octa	8	8	8	8	8

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories	
General	Light to Moderate Rainfall**			
Condition	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 rainfalls from August 30 to September 02.			30 to September 02.	
Impacts		r deteriorating quality of the open drying agricultural produces like copra, eds, food materials for processing etc		
	Damages and losses may occur for crops having slender stems like banana and vego Breaking branches and or trees may ocurr.			
	Chances for water stag	gnation in the fields.		
General Recommendati ons	The increased temperature and humidity that was experienced during the last weeks might have caused the spread of fruiting bodies of fungal diseases like rots and wilts in coconut, arecanut, black pepper, rubber, ginger, banana etc.			
	Keep hygiene in plantations. Infected nuts, leaves and tree parts should be removed from the fiel and burnt. Postpone fertilizer applications to the crops			

Rice	Panicle initiation to grain filling stage	Ensure availability of water in the rice fields. The scarcity of water at this stage may lead to chaffy grains. Where ever possible, provide irrigation up to field submergence, in places where ponding was not brought out by the monsoon.		
Paddy	Various stages	Brown spot disease	Prophylactic spray of <i>Pseudomonas</i> fluorescens (@ 20g/l) is recommended. If disease appears only, spray fungicide Nativo® (@ 4g per 10 litres 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	Newly planted/early growth stages	Quick wilt disease	Spray Redomil (@2g/litre of water) or copper oxy chloride (@3g/litre of water) Drench the soil in the basins with the same preparation (@ 5 litre per vine) as mentioned above.	
Banana	Various stages of growth	Rhizome rot	Ensure good drainage in the garden Drench with Streprocyclin antibiotic (@2g/10L) Or Copperhydroxide (20g/10L) at the basin of the plant.	
Ginger	Early growth stage	Wilt disease	Apply lime @ 200 kg per acre of land and thoroughly mix with soil. Use bio control agents, Trichoderma/Pseudomonas. Pull out and destroy the affected plants immediately when the disease is noticed. Drench the fields with 1% Bordeaux mixture	

Okra	All stages	Shoot and Fruit borer	Spray neem oil emulsion @ 5 %, at intervals of 15 to 20 days. OR Spray quinalphos 25 EC (2 ml per litre of water).
Cow	Any stage	FMD (Foot and Mouth disease)	Foot and Mouth disease is a highly transmissible disease caused by infection with an Aphthovirus. The infection results in vesicular lesions in and around the mouth and on the feet, resulting in the reluctance of an animal to eat or move. Prevention: Ensure hygienic conditions for the individual animals as well as their shelter and its surroundings. Boost the immunity of cattle by supplementing feeds with vitamins and minerals containing health tonics. If disease appears, give medication under the supervision of a Veterinary doctor immediately.

** 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