



Agromet Advisory Bulletin for the District, Kannur

(Valid from 30.08.2025 to 03.09.2025)

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



Bulletin Number: Pilicode/ Knr - 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
110.0	25.9 – 32.4	22.2 – 24.5	89 – 96	00 – 06

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	25	10	8	7	8
Max. Temp, °C	26	26	26	26	26
Min. Temp, °C	22	22	22	22	22
Max. Relative Humidity, %	95	95	95	95	95
Min. Relative Humidity, %	90	90	90	90	90
Wind speed, km/h	4	3	6	6	4
Wind direction, degrees	270	290	320	320	290
Total cloud cover, octa	8	8	8	8	8

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General Condition	Light to Moderate Rainfall**		
	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 heavy rainfalls on August 30 in isolated places. There will be light to moderate rainfalls from August 31 to September 02.		
Impacts	Damaging and losses or deteriorating quality of the open drying agricultural produces like copra, rubber, cashew nuts, seeds, food materials for processing etc.. Damages and losses may occur for crops having slender stems like banana and vegetables. Breaking branches and or trees may occur. Chances for water stagnation in the fields.		
General Recommendations	Do not dry any products on open conditions. Do not go for open field operations if heavy rain is experienced Keep livestock and poultries within strong structures. Do not keep livestock under open conditions or under trees. Do not keep seeds, perishable goods, fertilizers, cattle and poultry feeds on moist floors. Keep them in rooms on elevated platforms Travelling may be postponed. Closely follow the directions of disaster management authorities. People living near seashore and on banks of river/waterbodies may take extreme care.		

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 fluorescens</i> (@ 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 Streptocyclin 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