



Agromet Advisory Bulletin for the District, Malappuram

(Valid from 04.11.2025 to 09.11.2025)

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



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Date: 04/11/2025

A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
0.0	31.0 – 31.0	24.0 – 25.2	64 – 90	04– 08

B. Weather forecast for next five days

Parameters	05-11-2025	06-11-2025	07-11-2025	08-11-2025	09-11-2025
Average Rainfall, mm	0.1	0.2	0	0.2	0.1
Max. Temp, °C	31	31	31	31	31
Min. Temp, °C	25	25	25	25	25
Max. Relative Humidity, %	90	90	90	90	90
Min. Relative Humidity, %	70	70	70	70	70
Wind speed, km/h	4	3	4	4	3
Wind direction, degrees	270	270	270	230	290
Total cloud cover, octa	6	7	8	8	8

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General Condition	Light 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 light rainfall on November 05, 06, 08 & 09. No rainfall on November 07.		
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. 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	Dry the products like rice, rubber, copra, pulses, vegetable seeds, etc when there is no rain. Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc Provide mulching to crops to reduce waterloss from soil. Provide shade net for vegetable crops and ensure irrigation. Donot keep animals under open conditions for a long time. Provide sufficient drinking water to them.		

Rice	Transplanting stage for second crop	Dip the roots of the seedlings in slurry of pseudomonas (20g pseudomonas/litre of water) for 30 minutes just before transplanting. This will help the seedlings to grow vigorously. Apply fertilizers at the occasion of no rainfalls, after lowering the water and blocking all drainage channels. While transplanting, apply 400g urea, 900g mussooriephos and 150g muriate of potash for the medium duration varieties and 400g urea, 700g mussooriephos and 120g muriate of potash for the short duration varieties to each cent (40 square meter) of land area.	
Vegetables	Transplanting/sowing	While preparing the land, incorporate lime @ 4kg/cent to the soil. Use Trichoderma enriched farm yard manure/compost. This will check the spread of wilt diseases. Before transplanting, dip the roots of the seedlings in slurry of pseudomonas (20g pseudomonas/litre of water) for 30 minutes. This will help the seedlings to grow vigorously. Also the seedlings can be sprayed with diluted pseudomonas culture solution (@20ml dissolved in one litre of water).	
Coconut	All stages	Red palm weevil 	The palms can be saved only if the attack is diagnosed at an early stage. Hence more frequently inspect the palms. The attack can be diagnosed by the presence of yellowing of upper and middle whorls of leaves and holes at the jointing region of leaf petioles to the trunk. Insect excrement, pupal cases etc. may also be seen in the crown or basins of the palms. Control: Prepare Imidachlorprid solution (@ 1ml/litre of water) and fill in the holes. Adopt field sanitation.
Banana	All stages	Fusarium wilt 	Drench basal soil with bavistin @ 1ml/litre of water Additionally, keep small masculine cloth bag filled with 25-50g beaching powder in the basins of the plants.
Cashew	Pre-bearing stages	Tea mosquito bug 	Prophylactic measures: 1) The fungal biological control agent, <i>Beauveria bassiana</i> can be sprayed @ 20g/L Or 2) Spray 1% Bordeaux mixture mixed with quinalphos (2ml/litre of Bordeaux mixture)
Mango	Allstages	Gummosis and die back 	Apply Bordeaux paste on the affected portions on the shoots. Drench hexaconazole (@2ml/litre) in the basins.

Turmeric	Different stages	Leaf blight 	Remove the severely affected leaves from the plants and destroy in fire. Spray copper oxy chloride on the plants (@2g/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)
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Nodal Officer,
GKMS Project, RARS Pilicode