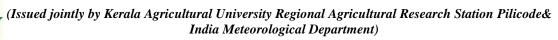


Agromet Advisory Bulletin for the District, Kannur

(Valid from 06.11.2024 to 10.11.2024)





Bulletin Number:Pilicode/Knr-89/2024	Date:05/11/2024
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A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
10.2	33.2 – 33.8	24.0–25.8	72 – 90	00 – 08

B. Weather forecast for next five days

Parameters	06-11-2024	07-11-2024	08-11-2024	09-11-2024	10-11-2024
Average Rainfall, mm	2	0.1	0.1	2	1
Max. Temp, °C	33	33	33	33	33
Min. Temp,°C	25	25	25	25	25
Max. Relative Humidity, %	86	86	86	86	86
Min. Relative Humidity, %	72	72	72	72	72
Wind speed,km/h	2	2	2	2	2
Wind direction, degrees	230	270	360	360	230
Total cloud cover, octa	8	7	4	8	7

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories	
	Light to Moderate Rainfall **			
General conditions	The sky will be cloudy. High relative humidity will be experienced. Low night temperature and high day temperature will be experienced. Hence there will be distinct difference between day time temperature and night temperature. There will be light to moderate rainfalls (From 15.6 mm to 64.4 mm within a time span of 24 hours) from November 05 to 09.			
General Recommen dations	Drain the stagnating water from the cultivated areas where heavy water stagnations occurs. Do not attempt to dry the products like rice, rubber, copra, pulses, vegetable seeds, etc directly under sun. 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. Maintain hygiene conditions in crop fields. Infected and fallen nuts, leaves and tree parts should be removed from the fields and burnt.			

	coated with wooden panels	fertilizers etc. in termite free and moist free rooms on elevated platforms. nly if sufficient intervals are available between the rainfalls.		
Rice	Transplanting stage for second crop	Dip the roots of the seedlings in slurry of pseudomonas (20 pseudomonas/litre of water) for 30 minutes just befor 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.		
		muriate of potash for the m	400g urea, 900g mussooriephos and 150g nedium duration varieties and 400g urea, 0g muriate of potash for the short duration uare meter) of land area.	
Rice	Panicle stage	Leaf Mites	Attacks become more severe when the ambient temperature is close to 25c and the relative humidity is higher than 80%. The infestation may also lead to fungal diseases like sheath rot.	
			Control measures: 1. Spray Azadirachtin (5 ml per litre of water). OR	
			2. Spray wettable sulphur (4 gm per litre of water).	
Vegetables	Transplanting/ sowing	While preparing the land, incorporate lime @ 4kg/cent to the soil. Trichoderma enriched farm yard manure/compost. This will chec spread of wilt diseases.		
			the roots of the seedlings in slurry of onas/litre of water) for 30 minutes. This will gorously.	
		Also the seedlings can be sprayed with diluted pseudomonas cu solution (@20ml dissolved in one litre 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	
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 whirls 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.
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 is 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	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.
Banana	Various stages of growth	Leaf eating caterpillar	Ensure good drainage in the garden. Organic insecticides such as Shreya, Nanma etc. should be mixed with 10 ml of one liter of water and sprayed on both sides of the leaves. If the infestation is severe, spray quinalphos 20 EC (2 – 4 ml per litre of water). OR spray flubendiamide 39.35 SC (2 ml, 10 litre of water).
Mango	Allstages	Gummosis and die back	Apply Bordeaux paste on the affected portions on the shoots. Drench hexaconazole (@2ml/litre) in the basins.
Cashew	Pre-bearing stages	Tea mosquito bug	Prophylactic measures: 1) The fungal biological control agent, Beavaria bassiana can be sprayed @ 20g/L Or 2) Spray 1% Bordeaux mixture mixed with quinalphos (2ml/litre of Bordeaux mixture)

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.

Sd/-Nodal Officer, GKMS Project, RARS Pilicode

** Warning colour codes of rainfall (for disaster management)

Warming (Take actions) Alert (be prepared) Watch (be updated) 140 warming (140 actions)	Warning (Take actions)	Alert (Be prepared)	Watch (Re undated)	No warning (No actions)
	warming (Take actions)	Alert (Be prepared)	watch (Be updated)	No warning (No actions)