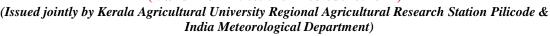




## Agromet Advisory Bulletin for the District, Kozhikode (Valid from 29.09.2021 to 03.10.2021)



Bulletin Number: Pilicode/Kkd-78/2021Date: 28/09/2021

## A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	10.3	R. H., %	Wind speed, Km/h
43.7	26.2 - 33.5	24.2 - 25.9	75 – 96	

## B.Weather forecast for next five days

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Parameters	30	15	10	8	15
Rainfall, mm	28	30	30	32	32
Max. Temp, °C	24	25	25	25	25
Min. Temp, °C	96	96	96	96	96
Max. Relative Humidity, %	75	75	75	75	75
Min. Relative Humidity, %	8	4	6	8	6
Wind speed, km/h	270	270	270	290	290
Wind direction, degrees	8	7	8	7	8
Total cloud cover, octa	30	15	10	8	15

## C. Agrometeorological Advisories

Сгор	Stages	Problems	Agro-meteorological advisories		
General conditions		<b>Isolated heavy rainfalls are very likely to occur on day -1 and day-5</b> The sky will be cloudy or partially cloudy. Low night temperature and high day temperature will be experienced. Hence there will be large difference between day time temperature and night temperature. The			
		<ul> <li>atmospheric humidity also will be high.</li> <li>As per extended range forecast, cumulative normal rainfall is likely.</li> <li>Give popping to slender stemmed and easily lodging crops like banana, vegetables etc.</li> </ul>			
		The weather is favorable for the spread of fungal diseases like bud rot of coconut, mahali in arecanut, quick wilt in black pepper, rhizome rot diseases in ginger and turmeric.			
		Take care while drying the hat etc., directly under the sun.	arvested produces like rubber, cashew nut, copra		



Paddy second crop (Mundakan season)	Transplanting	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.		
Cool season vegetables	Land preparation	Lime or dolomite should be applied depending on soil acidity and incorporate thoroughly with the soil at least 14 days before the application of chemical fertilizers. This will not only reduce the acidity but also control the soil borne diseases.		
Coconut	All stages	Bud rot	In vulnerable areas, as preventive measures apply lime @ 2-3 kg/palm basally and adopt comprehensive nutrient management practices for improving the health of the palms. 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 a new leaf emerges. Burn the removed tissues immediately. As a prophylactic measure spray 1% Bordeaux mixture into the top leaves' axils of the surrounding palms	
Coconut	All stages	Leaf rot of coconut	Remove and destroy the dried inflorescence and fallen nuts. Harvest all the matured nuts. After the harvest spray 1% Bordeaux Mixture or Copper oxy chloride (@3g/Litre) on the leaves and developing inflorescences and nuts After two weeks spray borax also on leaves @ 3g/l.	
Coconut	Bearing stage	Nut rot		



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Black pepper	All stages	Quick wilt	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.	
Ginger and Turmeric	All stages	Rhizome rot	Drain the field. Drench the field with 1% Bordeaux mixture.	
Banana	Various stages of growth	Panama wilt	1. Prophylactic measures:	
Dununu			Soil application of Pseudomonas @ 20g/litre of water.	
			Dipping of suckers in carbendazim (@2g/litre of water) solution for 20 minutes before planting	
			2. If disease appears	
			Crop sanitation: Eradication of infected plants and application of lime in the pits (@1kg/pit	
			Drenching with carbendazim, @2g/L of water	
			Spraying propiconazole @1ml/litre of water on leaves of the surrounding plants.	
Areca nut	All stages	Mahali disease	Apply Bordeaux mixture (1%) to the bunch and leaves.	
Brinjal	Seedling	Collar rot	Spray and drench bavistin (@ 2g/litre)	



Cashew	Flowering	Tea mosquito bug	
	stage		Spray Quinalphos @ 2ml/L.

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