



Agromet Advisory Bulletin for the District, Kannur

(Valid from 10.07.2021 to 14.07.2021)

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



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Date: 09/07/2021

A. Weather Summary of preceding four days





Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
10.0	31.6 – 33.6	24.4– 25.4	72- 96	00 - 12


B. Weather forecast for next five days

Parameters	10-07-21	11-07-21	12-07-21	13-07-21	14-07-21
Rainfall, mm	40	40	50	40	40
Max. Temp, °C	33	32	32	32	32
Min. Temp, °C	24	23	23	23	23
Max. Relative Humidity, %	95	95	95	95	95
Min. Relative Humidity, %	72	72	72	72	72
Wind speed, km/h	14	14	16	18	18
Wind direction, degrees	320	290	290	290	320
Total cloud cover, octa	8	8	8	8	8

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
		Moderate to Isolated Heavy Rainfalls are Very Likely in the district on next five days	
	General conditions	Provide good drainage in the cultivated lands. Provide popping to the slender stemmed crops like banana, vegetables etc. Keep animal feeds, rubber, and copra like products in moisture free rooms at elevated platforms. Otherwise they may get contaminated with fungal mycelia and spores.	
Rice	Transplanting where wet nursery is practiced	<p>Thorough puddling and levelling of fields before transplanting are recommended. Block crab holes on the bunds to prevent loss of water and nutrients from the fields. Unblock the drainage channels.</p> <p>Dip the roots of the seedlings in Pseudomonas solutions (250g/750ml of water) for 20 minutes before planting the seedlings in main fields. This will help the plants for better root proliferation and to resist fungal diseases.</p> <p>While transplanting apply the fertilizers: 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. Apply potash only after two weeks of the lime application</p>	

Coconut	All stages	<p>Stem bleeding</p> 	<p>Chisel out the affected parts and apply Bordeaux paste.</p> <p>Drench the palm basin (2m radius) with 40 litres of 1% Bordeaux mixture or soil drenching of Hexaconazole (Contaf®) 25ml/25 litre of water once in 4 months.</p> <p>After one month, apply 5 kg Trichoderma enriched neem cake and 500g of Ayar® (micro nutrient mixture)</p> <p>As a prophylactic measure apply the Trichoderma enriched neem cake and Ayar to the surrounding palms also if stem bleeding is prominent in the locality</p>
Black pepper	Seedlings	<p>Pollu beetle</p> 	<p>Spray quinalphos 25%EC @ 2mlper litre</p>
Banana	Bearing stage	<p>Pitting disease</p> 	<p>Spray Mancozeb (@2g/litre), only on immature bunches.</p> <p>Cover the bunches with poly ethylene sheets having pin holes on it. This will help to protect the bunches from birds attack also.</p>
Papaya	Bearing stage	<p>Bunchy top disease</p> 	<p>Distroy the affected trees completely.</p> <p>Give a supplementary dose of 100g Ayar (the micro nutrient mixture released by KAU) to the other papaya plants..</p>

Animal husbandry	All stages	<p>Ephemeral fever</p> 	<p>The ephemeral fever is appearing in cattle during the onset of rainy seasons. The fever is transmitted through blood sucking insects like flies and mosquitoes. Clinical symptoms include sudden onset of fever, loss of appetite, increased breathing and heart rate. Affected cattle often shiver and legs become stiff and lame. Watery discharges from the eyes and nose often occurs. Ephemeral fever has a short course of three days. Treatments are usually effective to maintain the blood circulation and avoid permanent muscle damage. If the cattle shows any symptom consult the nearest veterinary surgeon immediately and take necessary control measures with no delay.</p>
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