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अमृत महोत्सव

Agromet Advisory Bulletin for the District, Kozhikode

(Valid from 11.09.2021 to 15.09.2021)

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



Bulletin Number: Pilicode/Kkd-73/2021

Date: 10/09/2021

A. Weather Summary of preceding four days





Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
74.4	30.3 – 32.2	23.5 – 25.2	83 – 96	--


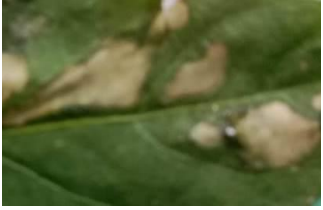
B. Weather forecast for next five days

Parameters	11-09-2021	12-09-2021	13-09-2021	14-09-2021	15-09-2021
Rainfall, mm	10	20	20	40	40
Max. Temp, °C	32	32	31	31	31
Min. Temp, °C	25	25	24	24	24
Max. Relative Humidity, %	98	98	98	98	98
Min. Relative Humidity, %	83	83	83	83	83
Wind speed, km/h	8	6	7	6	5
Wind direction, degrees	270	270	270	270	270
Total cloud cover, octa	7	8	8	8	8

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
			<p>There may be isolated heavy to heavy rainfalls from 13th September to 15th September 2021.</p>
			<p>As per extended range rain forecast, there may be fairly widespread above normal rainfalls in the next week.</p> <p>Do not keep harvested produces like rice, rubber, copra, vegetables, seeds, and fertilizers in open places.</p> <p>Store cattle feeds in moisture free rooms on elevated platforms to avoid contaminations</p> <p>Give strong propping to banana, vegetables and other soft stemmed crop plants. Ensure thorough drainage in the fields.</p> <p>Provide good drainage to upland crops. For aerating the soil of basins/pits of the newly planted tree crops give 20 – 30 cm deep raking. Spray 1% Bordeaux mixture on the leaves and growing region. Drenching the basins with the same will also help to prevent fungus and bacterial infections.</p> <p>Ensure there is no blockages in water flowing channels in rice fields</p>
			<p><u>General conditions</u></p>

Paddy	Main field for second crop (Mundakan season)	To correct the iron toxicity problem of midland lateritic soils, apply lime/dolomite as recommended in the soil test result. If soil testing is not done, apply lime/dolomite @ 2kg/cents (40sq.m) and incorporate thoroughly with the soil at least 14 days before the application of chemical fertilizers. Repeat lime application at the same rate after 30-40 days of transplanting also. Apply FYM/compost @ 20kg/cents and incorporate with the soil along with ploughing.	
Coconut	All stages	<p style="text-align: center;">Stem bleeding</p> 	<p>Chisel out the affected portion/ site of bleeding on the trunk of the tree and apply Bordeaux paste.</p> <p>Drench the palm basin (2m radius) with hexaconazole (@25ml/25litre of water per palm). Repeat this procedure once more after four months</p>
Coconut	All stages	<p style="text-align: center;">Basal rot/Ganderma wilt</p> 	<p>After one month, uniformly spread 5 kg Trichoderma enriched neem cake in the basin and incorporate with the soil</p>
Arecanut	Bearing	<p style="text-align: center;">Collitotrichum wilt</p> 	<p>Apply 1% Bordeaux mixture on leaves and nuts</p>
Black pepper	Bearing stage	<p style="text-align: center;">Pollu beetle and disease</p> 	<p>Prophylactic spray of combination Bordeaux mixture (1% strength) + quinalphos (2ml/litre of the Bordeaux mixture)</p> <p>If damage is visible apply combination of hexaconazole and deltamethrin (@ hexaconazole 1ml + deltamethrin 0.5ml per litre of water)</p>

Brinjal	Seedling	Collar rot 	Spray and drench bavistin (@ 2g/litre)
Brinjal	All stages	Leaf blight 	

Sd/-
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