



Agromet Advisory Bulletin for the District, Kozhikode

(Valid from 24.10.2020 to 28.10.2020)

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



Bulletin Number: Pilicode/Kkd-85/2020

Date: 23/10/2020


A. Weather Summary of preceding four days






Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
52.6	31.4 – 33.2	24.0 – 24.8	67– 97	0-10


B. Weather forecast for next five days

Parameters	24.10.2020	25.10.2020	26.10.2020	27.10.2020	28.10.2020
Rainfall, mm	1	0.1	0.1	10	10
Max. Temp, °C	32	32	32	32	32
Min. Temp, °C	24	24	24	24	24
Max. Relative Humidity, %	97	97	97	97	97
Min. Relative Humidity, %	65	65	65	65	65
Wind speed, km/h	4	10	12	8	10
Wind direction, degrees	230	200	230	270	270
Total cloud cover, octa	7	6	6	8	8

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General conditions		Isolated rainfall is likely to occur. Beware of lightning. Don't stay on open places. Don't allow livestock to graze in open places during afternoon and evening periods.	
Banana	Various stages of growth	Sigatoka leaf spot 	Cut and burn all severely affected leaves. Spray 1% Bordeaux mixture with sticker soon after the appearance of symptoms (5 to 6 sprays at fortnightly intervals). If disease is severe, spray Propiconazole 25 EC (@ 1ml/litre of water)

Black pepper	All stages	<p style="text-align: center;">Foot rot</p> 	<p>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.</p> <p>If disease already appeared, drench soil in the plant basins with Redomil 0.2% (2g/litre of water). Spray the same on the leaves also.</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 (@ hexaconosozole 1ml + deltamethrin 0.5ml per litre of water)</p>
Cashew	Newly planted seedlings	<p style="text-align: center;">Tea mosquito attack and associated fungal diseases</p> 	<p>Prophylactic spray of combination Bordeaux mixture (1% strength) + quinalphos (2ml/litre of the Bordeaux mixture)</p>
Vegetables	Planting	<p style="text-align: center;">Downy mildew on cucurbits</p> 	<p>As a prophylactic measure apply 'Mancozeb' (@ 2g/l of water). If disease appeared, spray Akomin® (@3ml/L) on both surfaces of the leaves, thrice at 15 days interval. Remove and burn out the infested leaves.</p>
Bitter gourd	Early growth stage	<p style="text-align: center;">Bacterial wilt</p> 	<p>Keep the field clean and spray antibiotic strepto cycline 1 capsule per 2 litre.</p>

Arecanut	Different stages	<p style="text-align: center;">Rot</p> 	<p>Cut and remove affected parts and spindle leaves. Apply Akomin 8ml/L along with Stickers 2ml/L at 25 days interval. Prophylactic application of Kocide @ 2g/L to the healthy palms. Apply lime @ 1kg/palm (split application before and after onset of monsoon @ 500g/palm).</p>
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