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अमृत महोत्सव

## Agromet Advisory Bulletin for the District, Kozhikode

(Valid from 23.10.2021 to 27.10.2021)

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



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### A. Weather Summary of preceding three days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
15.2	28.8 – 33.4	24.4 – 26.4	74.8 – 98.2	00 - 04






### B. Weather forecast for next five days

Parameters	23-10-2021	24-10-2021	25-10-2021	26-10-2021	27-10-2021
Rainfall, mm	70	20	40	40	40
Max. Temp, °C	32	32	32	32	32
Min. Temp, °C	25	25	25	25	25
Max. Relative Humidity, %	98	98	98	98	98
Min. Relative Humidity, %	78	78	78	78	78
Wind speed, km/h	4	4	8	8	4
Wind direction, degrees	230	200	230	270	230
Total cloud cover, octa	8	8	8	8	8

### C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
			<b>Isolated heavy rainfalls are likely to occur</b>
			<p>The sky will be 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 atmospheric humidity also will be high.</p> <p style="background-color: yellow;">Isolated heavy rainfalls are likely to occur on days –1, 3, 4 &amp; 5</p> <p><b>As per extended range forecast, cumulative normal rainfall is likely in the next two weeks.</b></p> <p>Do not keep harvested produces like rice, rubber, copra, pulses, vegetables, seeds, etc. and fertilizers at open places.</p> <p>Beware of heavy wind and lightning. Avoid working when there is lightning. Don't rest under the trees and in weak shelters.</p> <p>Give strong propping to banana, vegetables and other soft stemmed crop plants.</p> <p>Neither keep the livestock in open places, nor allow them for grazing. They should be sheltered under strong roofs.</p> <p>During non rainy days, rake the soil in the basins of the crops for aerating the rootzone.</p>
	<b>General conditions</b>		

**Due to rain, increased humidity and temperature crops may get affected with fungal diseases as given below. Keep vigilance and take control measures on time.**

Coconut	All stages	<p>Bud rot</p> 	<p>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.</p> <p>Burn the removed tissues immediately.</p> <p>As a prophylactic measure spray 1% Bordeaux mixture into the axils of top leaves of the surrounding palms</p>
Black pepper	All stages	<p>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>
Ginger and Turmeric	All stages	<p>Rhizome rot</p> 	<p>Drain the field. Drench the field with 1% Bordeaux mixture.</p>
Banana	Various stages of growth	<p>Sigatoka leaf spot</p> 	<p>Cut and burn all affected leaves.</p> <p>Spray Tilt or Contaf (@ 2ml per litre)</p>
Areca nut	All stages	<p>Crown rot</p> 	<p>Apply 1% Bordeaux mixture or 0.3% copper oxychloride solution.</p> <p>Incorporate lime or dolomite @ 1 kg/palm to the basins of the palms. Apply borax @ 100g/palm and zinc sulphate @ 100g/palm and magnesium sulphate @250g/palm</p>