



Agromet Advisory Bulletin for the District, Malappuram

(Valid from 26.09.2020 to 30.09.2020)

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



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A. Weather Summary of preceding four days





Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
27.2	28.6 – 30.2	22.1 – 23.8	75– 93	04 -14

B. Weather forecast for next five days

Parameters	26.09.2020	27.09.2020	28.09.2020	29.09.2020	30.09.2020
Rainfall, mm	8	3	2	7	6
Max. Temp, °C	31	31	31	31	31
Min. Temp, °C	24	24	24	24	24
Max. Relative Humidity, %	91	91	91	91	91
Min. Relative Humidity, %	73	73	73	73	73
Wind speed, km/h	10	12	12	10	14
Wind direction, degrees	250	270	290	290	290
Total cloud cover, octa	8	7	6	7	8

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General conditions		<p>Isolated low intensity rainfalls are likely on coming days (please see the weather forecast given above).</p> <p>Climate will become 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. Adopt the following plant protection measures.</p> <p>Take care while drying the harvested produces like rubber, cashew nut, copra etc., directly under the sun.</p>	
Coconut	All stages	<p style="text-align: center;">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.</p> <p>After one month, apply 5 kg Trichoderma enriched neem cake and 500g of Ayar® (micro nutrient mixture)</p>

Coconut	All stages	<p style="text-align: center;">Bud rot</p> 	<p>As a preventive measure, small perforated sachets containing 2 g of mancozeb may be tied to the top leaf axil. When rains, a small quantity of the fungicide is released from the sachets to the leaf base and thus protecting the palm.</p> <p>Spray 1% Bordeaux mixture on the crown of palms.</p>
Areca nut	All stages	<p style="text-align: center;">Mahali disease</p> 	<p>Apply Bordeaux mixture (1%) to the bunch and leaves.</p>
Black pepper	All stages	<p style="text-align: center;">Quick wilt</p> 	<p>Spray Redomil (@2g/litre of water) or copper oxy chloride (@3g/litre of water)</p> <p>Drench the soil in the basins with the same preparation (@ 5 litre per vine) as mentioned above.</p>
Ginger and Turmeric	All stages	<p style="text-align: center;">Rhizome rot</p> 	<p>Drain the field. Drench the field with 1% Bordeaux mixture.</p>

Sd/-
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