



Agromet Advisory Bulletin for the District, Kannur

(Valid from 30.10.2021 to 03.11.2021)

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



Bulletin Number: Pilicode/Knr-87/2021

Date: 29/10/2021

A. Weather Summary of preceding three days





Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
42.6	32.0 – 34.2	25.0 – 25.8	76.8 – 90.4	00 - 04



B. Weather forecast for next five days

Parameters	30-10-2021	31-10-2021	01-11-2021	02-11-2021	03-11-2021
Rainfall, mm	10	10	10	10	40
Max. Temp, °C	31	31	32	33	33
Min. Temp, °C	25	25	25	25	25
Max. Relative Humidity, %	90	90	90	90	90
Min. Relative Humidity, %	77	77	77	77	77
Wind speed, km/h	6	2	4	2	8
Wind direction, degrees	320	200	230	90	230
Total cloud cover, octa	6	6	7	7	8

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
			Light to moderate rainfalls are very likely to occur
General conditions			<p>The sky will be cloudy. Low night temperature and high day temperature will be experienced.</p> <p>As per extended range forecast, cumulative normal rainfall is likely in the next two weeks.</p> <p>Do not keep harvested produces like rice, rubber, copra, pulses, vegetables, seeds, etc. and fertilizers at open places.</p> <p>Give strong propping to banana, vegetables and other soft stemmed crop plants.</p> <p>Rake the soil in the basins of the crops for aerating the rootzone.</p>

Vegetables	Transplanting cool season vegetables	<p>This is the right time for transplanting the seedlings of cool season vegetables like cauliflower, cabbage etc.</p> <p>While preparing the land, incorporate lime @ 4kg/cent to the soil. Use Trichoderma enriched farm yard manure/compost. This will check the spread of wilt diseases.</p> <p>Before transplanting, dip the roots of the seedlings in slurry of pseudomonas (20g pseudomonas/litre of water) for 30 minutes. This will help the seedlings to grow vigorously.</p> <p>Also the seedlings can be sprayed with diluted pseudomonas culture solution (@20ml dissolved in one litre of water).</p>	
Coconut	Mainfiled/growth phase	<p>Leaf roller</p> 	<p>If leaf folder attack is seen, unfold the leaves by rolling thorny wires/twigs over the canopy. Attack will be more in shaded conditions. Avoid excessive Nitrogenous fertilizers.</p> <p>If the attack is severe spot spraying of Chlorantraniliprole @3ml/10 ltr of water is also advised.</p>
Banana	All stages	<p>Pseudostem weevil</p> 	<p>Adopt good field sanitation.</p> <p>Apply Beauveria bassiana @ 20 g/l at 5, 6 and 7 month after planting.</p>
Banana	All stages	<p>Fusarium wilt</p> 	<p>Drench basal soil with bavistin @ 1ml/litre of water</p> <p>Additionally, keep small masculine cloth bag filled with 25-50g beaching powder in the basins of the plants.</p>
Mango	Allstages	<p>Gummosis and die back</p> 	<p>Apply Bordeaux paste on the affected portions on the shoots. Drench hexaconazole (@2ml/litre) in the basins.</p>

Vegetables	Planting	<p>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>
Arecanut	Different stages	<p>Rot</p> 	<p>Cut and remove the leaves and affected parts of spindle leaves. Apply Akomin 3ml/L along with Stickers 2ml/L at 25 days interval. Prophylatic application of Kocide @ 2g/L to the healthy palms is recommended. Apply lime @500g/palm</p>

Sd/-
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