



## Agromet Advisory Bulletin for the District, Kannur

(Valid from 09.10.2021 to 13.10.2021)

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



Bulletin Number: Pilicode/Knr-81/2021

Date: 08/10/2021

### A. Weather Summary of preceding five days



Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
22.4	32.0 – 33.0	24.8 – 25.2	77.5 – 93.7	00 – 12


### B. Weather forecast for next five days

Parameters	09-10-2021	10-10-2021	11-10-2021	12-10-2021	13-10-2021
Rainfall, mm	5	10	10	20	30
Max. Temp, °C	33	33	33	32	32
Min. Temp, °C	25	25	25	25	25
Max. Relative Humidity, %	90	90	90	90	90
Min. Relative Humidity, %	78	78	78	78	78
Wind speed, km/h	6	6	5	5	3
Wind direction, degrees	180	180	210	210	160
Total cloud cover, octa	8	8	8	8	8

### C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
<b>General conditions</b>			<b>Light to moderate rainfalls are very likely to occur on five days.</b>
			<p><b>Thunder storm and Heavy (7- 11 cm in 24 hours) rainfall is likely to occur at isolated places.</b></p> <p>The sky will be cloudy or partially 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><b>As per extended range forecast, cumulative normal rainfall is likely.</b></p>

<b><u>General conditions</u></b>		<p>Transport harvested produces like rice, rubber, copra, grains and vegetables, seeds, etc. and fertilizers from open places to store houses.</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>Complete the second dose of fertilizer applications to coconut like tree crops quickly</p> <p>If there are any crab holes /cracks on the bunds of the paddy fields that should be blocked by plastering with mud. Also remove all the weeds from the fields.</p> <p>In plantation crops, water conservation measures should be adopted. Powdering the top soil uniformly spreading in the field, rain water harvesting pits (for which the bunds are strengthened by pineapple, vetiver etc.), cover cropping (especially with leguminous plants), coconut husk/coir pith drenching etc. will help to conserve the post monsoon rain water for a long period of time in the fields.</p>	
Vegetables	Transplanting/ sowing	<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	All stages	<p>Yellowing of coconut</p> 	<p>Incorporate lime or dolomite @ 3 kg/palm to the basins of the palms. After two weeks, apply borax @ 200g/palm and zinc sulphate @ 100g/palm and magnesium sulphate @ 500g/palm and potash @ 2kg/palm</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>

Cashew	Newly planted seedlings	Tea mosquito attack and associated fungal diseases 	Prophylactic spray of combination Bordeaux mixture (1% strength) + quinalphos (2ml/litre of the Bordeaux mixture )
Rubber	All stages	Collar rot	Remove the affected plants. Drench the basins of the surrounding trees with 0.3% copper oxy chloride. Also Apply 1 kg dolomite in the root zones of the trees, as a preventive measure.
Live stock	Above 4 months old	Foot and Mouth diseases	Adopt vaccination for the animals, having age above 4months, from the nearest Veterinary hospital

Sd/-  
Nodal Officer,  
GKMS Project, RARS Pilicode