



## Agromet Advisory Bulletin for the District, Kannur

(Valid from 12.05.2021 to 16.05.2021)

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



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Date: 11/05/2021

### A. Weather Summary of preceding four days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
33.0	34.0 – 35.6	25.5 – 27.6	59 - 77	00 -08

### B. Weather forecast for next five days

Parameters	12-05-2021	13-05-2021	14-05-2021	15-05-2021	16-05-2021
Rainfall, mm	6	5	4	9	30
Max. Temp, °C	36	35	35	35	35
Min. Temp, °C	27	26	26	26	26
Max. Relative Humidity, %	92	92	92	92	92
Min. Relative Humidity, %	75	75	75	75	75
Wind speed, km/h	4	3	5	8	12
Wind direction, degrees	180	110	140	90	110
Total cloud cover, octa	6	6	6	8	8

### C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
			<p><b>Normal rainfall is predicted during this year as ENSO condition is neutral</b></p> <p><b>Light to moderate rainfalls are very likely to occur</b></p> <p>Take care while drying the harvested products like rice, rubber, copra, pulses, vegetable seeds, etc directly under sun.</p> <p>Pits can be taken for planting tree crops. Ginger and turmeric can be planted. The <math>\frac{2}{3}</math> portions of the pits should be filled with the mixture of topsoil and powdered dry cow dung/compost.</p> <p><b>Ensure optimum plant to plant distance while planting/sowing crops.</b></p>
General conditions			
Paddy (Viruppu: First crop season)	Land preparation for first crop and sowing	It is time for sowing (first crop) paddy. Preparation of seeds:- To prevent seed borne diseases, dress the seeds with Pseudomonas @10g/kg of seeds Nursery preparation for transplanting -. Apply dried and powdered farm yard manure or compost while preparing the nursery @1kg/m <sup>2</sup> and thoroughly incorporate to the soil.	

		Main land preparation: Incorporate green manure with the first ploughing itself. Along with the second ploughing, apply lime@350kg/ha. After two weeks apply dried and powdered well rotten FYM (@5t/ha) and thoroughly mix it with the soil.	
Coconut	Land preparation for sowing	Preparations for planting seedlings can be started. Take pits of size 1m x 1m x 1m. In laterite soils 1.2m x 1.2m x 1.2m sized pits are required. Fill 1/3 portion of the pits with a mixture of topsoil, powdered FYM and wood ash taken in equal proportion. Bunds should be provided on banks of the pits to prevent collection and stagnation of runoff water in the pits.	
	All stages	<p style="text-align: center;"><b>Stem bleeding</b></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 or soil drenching of Hexaconazole (Contaf®) 25ml/25 litre of water once in 4 months.</p> <p>After one month, apply 5 kg Trichoderma enriched neem cake + 2 kg Dolomite + 250g of Magnesium sulphate and 50g Solubor</p>
	All stages	<p style="text-align: center;"><b>Bud rot</b></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 spindle leaf and crown of palms.</p>
Black pepper	Planting	<p style="text-align: center;"><b>Wilt disease</b></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.
Livestock	All stages	High temperature and humidity	<p>Provide lot of drinking water</p> <p>Intermittently sprinkle water on the body of the animals</p> <p>Provide fan in the cattle shed</p> <p>Keep the floors of the sheds dry to prevent Mastitis.</p>