



Agromet Advisory Bulletin for the District, Kannur

(Valid from 02.06.2021 to 06.06.2021)

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



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Date: 01/06/2021

A. Weather Summary of preceding four days



Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
36.3	32.6 – 34.2	24.6 – 25.1	71 - 93	00 -12

B. Weather forecast for next five days

Parameters	02-06-2021	03-06-2021	04-06-2021	05-06-2021	06-06-2021
Rainfall, mm	10	8	8	8	3
Max. Temp, °C	32	32	32	32	32
Min. Temp, °C	24	24	24	24	24
Max. Relative Humidity, %	93	93	93	93	93
Min. Relative Humidity, %	71	71	71	71	71
Wind speed, km/h	6	3	3	4	4
Wind direction, degrees	110	70	50	250	230
Total cloud cover, octa	4	5	6	6	3

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
			<p>There will be moderate rainfalls.</p> <p>The high humidity together with increased heat index may cause the spread of fungal diseases like bud rot of coconut, mahali in arecanut, quick wilt in black pepper, leaf spot diseases in banana etc. Keep vigilance.</p> <p>Care should be taken to provide good drainage in the plantations. Adopt total field sanitations</p> <p>Tree cops can be planted at the time of onset of monsoon. Ensure optimum distance between the plants. The $\frac{2}{3}$ portions of the pits should be filled with the mixture of topsoil and powdered dry cow dung/compost.</p>
	General conditions		

Rice	In Broad-casted fields: Actively growing seedling stage	Apply the fertilizer; 400g Urea, 900g Mussooriephos and 150g Muriate of potash for the medium duration varieties and 400g Urea, 700g Mussooriephos and 120g Muriate of potash for the short duration varieties to each cent (40 square meter) of land area. Apply potash only after two weeks of the lime application	
	Transplanting	<p>Thorough puddling and levelling of fields before transplanting are recommended. Block crab holes on the bunds to prevent loss of water and nutrients from the fields.</p> <p>Dip the roots of the seedlings in Pseudomonas solutions (250g/750ml of water) for 20 minutes before planting the seedlings in main fields. This will help the plants for better root proliferation and to resist fungal diseases.</p> <p>While transplanting apply the fertilizer; Apply the fertilizer; 400g Urea, 900g Mussooriephos and 150g Muriate of potash for the medium duration varieties and 400g Urea, 700g Mussooriephos and 120g Muriate of potash for the short duration varieties to each cent (40 square meter) of land area. Apply potash only after two weeks of the lime application</p>	
Coconut	All stages	<p>The climate is suitable for transplanting of coconut seedlings</p> <p>Take pits of size 1m x 1m x 1m. In laterite soils 1.2m x 1.2m x 1.2m sized pits are required.</p> <p>Fill 1/3 portion of the pits with a mixture of topsoil, powdered FYM and wood ash taken in equal proportion. Dig a small pit in the middle of this and plant the seedling, and strengthen it by compacting the soil surrounding the basal nut portion of the seedlings. Care should be taken not to fall any soil in crown of the seedlings. Provide prop to avoid tilting off of seedlings. Protect the plants from bright sunlight during the initial period of its growth. Bunds should be provided at the banks of the pits to prevent and collection and stagnation of runoff water in the pits.</p>	
		<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>	
Banana	All stages	<p style="text-align: center;">Pseudo stem weevil</p> 	<p>Adopt good field sanitation.</p> <p>Remove the affected parts and burn it using kerosene.</p> <p>Apply Beauveria bassiana @ 20 g l⁻¹ at 5, 6 and 7 month after planting, into the leaf axils</p> <p>If attacked holes and yellowing are seen, apply Fipronil 0.015% (3 ml l⁻¹) into the leaf axils</p>