



Agromet Advisory Bulletin for the District, Kannur

(Valid from 15.07.2020 to 19.07.2020)

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



Bulletin Number: Pilicode/Knr-56/2020

Date: 14/07/2020

A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
55.0	28.1 – 30.7	24.0 – 24.6	79– 95	04 -22

B. Weather forecast for next five days

Parameters	15.07.2020	16.07.2020	17.07.2020	18.07.2020	19.07.2020
Rainfall, mm	18	19	25	26	28
Max. Temp, °C	30	30	30	30	30
Min. Temp, °C	24	24	24	24	24
Max. Relative Humidity, %	95	95	95	95	95
Min. Relative Humidity, %	79	79	79	79	79
Wind speed, km/h	14	22	14	12	10
Wind direction, degrees	320	320	270	250	250
Total cloud cover, octa	8	8	8	8	8

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
			<p>There will be rainfalls on coming days.</p> <p>Care should be taken to provide good drainage in the plantations. Adopt total field sanitations.</p>
Paddy	All stages	<p>Bacterial leaf blight</p> 	<p>Spray supernatant solution of the cow dung water mixture (Dispense 20g cow dung in 1 L of water and filter the solution through muslin cloth). Place bags containing bleaching powder (2kg/acre) in the paddy field at the entry face of running water into the field</p> <p>If the infection is severe spray Streptocyclin 30g/200 L of water for 1acre.</p>

Paddy	All stages	<p>Sheath blight</p> 	Prophylactic spray of <i>Pseudomonas fluorescens</i> (@ 20g/l) is recommended.
		<p>Stem borer</p> 	If stem borer attack is seen, apply Takumi [®] @3g per 10L of water.
		<p>Blue beetle</p> 	Keep the field in water drained condition. After three days, apply kerosene emulsion (at the rate of 15 ml kerosene mixed with 1 L soap solution)
Banana	Various stages	<p>Pseudostem weevil</p> 	Field sanitation. Remove the affected parts and burn it using kerosene. Apply fipronil 5%SC (@3 ml l ⁻¹). Apply Beauveria bassiana @ 20 g l ⁻¹ at 5, 6 and 7 month after planting.
	Various stages of growth	<p>Rhizome rot</p> 	Ensure good drainage in the garden Drench with Streptocyclin antibiotic (@2g/10L) Or Copperhydroxide (20g/10L) at the basin of the plant.
Cashew	Seedlings up to 3 years of age	<p>Tea mosquito bug - Anthracnose disease complex</p> 	Prepare solution of copper oxychloride (@3g/L). Dissolve quinalphos (@2ml/L) in to this solution and spray thoroughly on the plants.

Tapioca	1 to 2 months age	<p data-bbox="635 210 804 237">Mosaic disease</p> 	<p data-bbox="922 210 1487 304">Deterioration of the health of plant and yield loss can be checked with adopting the following measures.</p> <p data-bbox="922 327 1487 524">Apply dolomite in the basin of the plants (@100g/plant) and incorporate to the soil. After three weeks, apply 25g Factamfos + 10g potash per plant. Also apply one gram zinc sulfate per plant. After 6 weeks apply 10g potash once more.</p> <p data-bbox="922 546 1487 607">Do not collect setts from these plants for planting during next time.</p>
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Nodal Officer,

GKMS Project, RARS Pilicode