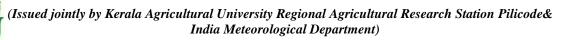


## **Agromet Advisory Bulletin for the District, Kasaragod**

(Valid from 10.08.2024 to 14.08.2024)





Bulletin Number:Pilicode/Ksd-64/2024	Date:09/08/2024
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## A. Weather Summary of preceding four days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
125.8	26.0 - 30.0	23.0 - 23.8	81 – 96	00 – 00

## B. Weather forecast for next five days

Parameters	10-08-2024	11-08-2024	12-08-2024	13-08-2024	14-08-2024
Average Rainfall, mm	4	3	7	6	10
Max. Temp, °C	30	30	30	31	31
Min. Temp,°C	22	22	22	23	23
Max. Relative Humidity, %	90	92	92	88	88
Min. Relative Humidity, %	78	84	84	76	76
Wind speed,km/h	4	5	5	4	4
Wind direction, degrees	290	290	290	320	320
Total cloud cover, octa	6	8	8	5	5

## C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories			
	Light to Moderate Rainfall **					
<u>General</u>	The sky will be cloudy. Hig	gh relative humidity will be	experienced. The atmospheric temperature			
conditions	will come down.					
	n to 64.4 mm within a time span of 24 hours)					
from August 09 to 13.						
General	Drain the stagnating water from the cultivated areas where heavy water stagnations occurs.					
Recommen dations	Do not attempt to dry the products like rice, rubber, copra, pulses, vegetable seeds, etc directly under sun.					
	Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc. Clean the drainage channels in crop lowlands to enable proper drainage of excess water in case of exigencies it any.					
	Do not shelter the cattle in houses with weak structures.					
	Keep animal feeds, seeds, fertilizers etc. in termite free and moist free rooms on elevated platforms coated with wooden panels.  Avoid activities under open conditions while there is lightning. Also do not expose livestock to such unfavorable weather conditions.					

	There are chances of landslide and landslip, so people are advised to move to the nearest safe place.					
	Spraying should be done only if sufficient intervals are available between the rainfalls.					
Rice	All stages	Blight	In places where flooding occurred, there are chances of appearing blight and decaying of plants. As a precautionary measure place perforated bags which contain bleaching powder (2kg/acre), on the face of entry of water into the fields.			
Paddy	All stages	Blue beetle	If attack is seen, apply quinalphos (@ 2ml per			
			litre of water)			
Coconut	Newly planted seedlings	Water stagnation and decaying of growing bud (bud rot)	Do not allow water stagnation in the planted pits. Provide bunds around the pits to prevent the collection of runoff water in the pits.  After the cessation of heavy rainfall, spray 1 % Bordeaux Mixture on the leaves and growing buds, only after mixing with a sticking agent to the fungicide.			
Coconut	All stages	Rhinoceros beetle  Dwarf varieties and young palms are more vulnerable to the attack.	Rhinoceros beetle: Take out the beetles from the attacked palm crown using beetle hook. Swab the hole made by the beetles with Bordeaux paste to prevent entry of fungus through the cut surface.  Old fishnets can be reused for controlling the pest. Cut the nets into pieces of size 1m x 0.5m. Keep the middle portion of the net, lengthwise into the axils of 3 <sup>rd</sup> and 4 <sup>th</sup> leaf whirls of the palm. Push the net firmly with small stones into the axils. The hanging sides of the net should be kept open. The beetles will be trapped in the nets and get destroyed. Care should be taken to move the nets to upper leaf axils accordingly while fresh leaves are emerging.			
Black pepper	All stages	Foot rot	Foot rot: 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.  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.			

Banana	Various stages of growth	Rhizome rot	Ensure good drainage in the garden  Drench with Streprocyclin antibiotic (@2g/10L)  Or  Copperhydroxide (20g/10L) at the basin of the plant.	
Ginger	Growing stage	Bacterial rot	Drench 1% Bordeaux mixture or Coppe oxychloride 0.2% (2g/litre)	
Okra	All stages	Shoot and Fruit borer	Spray neem oil emulsion @ 5 %, at intervals of 15 to 20 days.  OR  Spray quinalphos 25 EC (2 ml per litre of water).	
Cucurbitaceo us vegetables	Flowering stage	Fusarium wilt	Drench bavistin solution (2g/litre of water)	
Crops and Livestock	Different stages	Giant African Snail	For trapping the snails, put wet gunny bags filled with leaves of cabbage or cauliflower or papaya in the evening around cattle sheds/houses. The snails can be destroyed by putting them in saline water (200g salts per litre of water)  The snails on the crops can be destroyed by spraying 0.3% (3g per litre of water) copper sulfate	

Cow	Any stage	Epher	meral Fever	affects cattle as short fever, ship stiffness. This milk products abortion.	ver (BEF) is a disease that and buffalo and is marked by a vering, lameness and muscular disease may cause decline in ition, lowered fertility and enyl butazone sodium (200mg) buld be given for 3 days in two
Livestock (Cows/Goats)	Milking		Mastitis	Prevention:- Ithe individual and its surrounshould be clear Boost the supplementing minerals contains	common on cows which are hygienic conditions.  Ensure hygienic conditions for animals as well as their shelter dings The milking machines ned properly after every use. immunity of cattle by feeds with vitamins and ining health tonics.  ars, give medication under the of a Veterinary doctor
Poultry (hen/duck)	Aged stage		mble foot	The bumble for redness and buttom of the forevention: - I environment is soft floor for the soft floor fl	ot is identified by swelling, black or brown scab on the
	Take actions)	ninfall (for disaster manage Alert (Be prepared)		Be updated)	No warning (No actions)