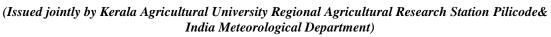


## **Agromet Advisory Bulletin for the District, Kasaragod**

(Valid from 14.01.2025 to 18.01.2025)





Bulletin Number:Pilicode/Ksd-04/2025 Date: 13/01/2025

## A. Weather Summary of preceding four days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
0.0	32.0 – 33.5	20.0 - 22.5	60 - 96	01-01

## B. Weather forecast for next five days

Parameters	14-01-2025	15-01-2025	16-01-2025	17-01-2025	18-01-2025
Average Rainfall, mm	0.1	0.1	0.1	0	0
Max. Temp, °C	33	33	33	33	33
Min. Temp,°C	23	23	23	23	23
Max. Relative Humidity, %	82	82	82	84	84
Min. Relative Humidity, %	54	54	54	52	52
Wind speed,km/h	4	3	3	3	3
Wind direction, degrees	320	290	320	320	320
Total cloud cover, octa	6	6	5	4	3

## C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories	
	Light to moderate Rainfall **			
	The sky will be cloudy. High relative humidity will be experienced.			
	Low night temperature and high day temperature will be experienced. Hence there will be			
General	distinct difference between day time temperature and night temperature.			
conditions	There will be light rainfalls (From 2.5 mm to 15.5 mm within a time span of 24 hours) on January			
	13.			
	There will be light to moderate rainfalls (From 2.5 mm to 64.4 mm within a time span of 24			
	hours) on January 14 and 15			
	There is no rainfall on January 16 & 17.			
General	Drain the stagnating w	ater from the cultivated areas	if heavy water stagnations occurs.	
Recommendat ions	Harvest the matured crops and transport to store houses quickly. Do not heap the harvested produces in the field itself or in open places.			
	Do not attempt to dry the products like rice, rubber, copra, pulses, vegetable seeds, etc. directly under sun.			

	Give propping 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 if any.			
	Maintain hygiene conditions in crop fields. Infected and fallen nuts, leaves and tree parts should be removed from the fields and burnt.			
	Keep animal feeds, seeds, fertilizers etc. in termite free and moist free rooms on elevated platforms coated with wooden panels.			
	Use sticking agents also while spraying.			
Rice	Tillering	Leaf folder	If leaf folder attack is seen, unfold the leaves by rolling thorny wires/twigs over the canopy. If the attack is severe spot spraying of flubendiamide 39.35%SC @ 1.0 ml/10L is recommended. Attack will be more in shaded conditions. Avoid excessive Nitrogenous fertilizers	
Coconut	Various stages	Red palm weevil	The palms can be saved only if the attack is diagnosed at an early stage. Hence more frequently inspect the palms. The attack can be diagnosed by the presence of yellowing of upper and middle whirls of leaves and holes at the jointing region of leaf petioles to the trunk. Insect excrement, pupal cases etc. may also be seen in the crown or basins of the palms.	
			Control: Prepare Spinosad @ 4ml/litre of water and fill in the holes on the trunks and axils of the second and third whirls of leaves, from the spindle leaf.	
		-	Adopt field sanitation.	
Black pepper	ck 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.	
Mango	Fruit maturing stage	Mango fruit flies	Collect and destroy the fallen fruits by taking deep pits atleast 60 cm depth. Set up pheromone trap (methyl eugenol trap) @ 1 trap/15 cents.	

Various crops	Various stages	Sucking pests  The climate is favourable for the spread of sucking pests like mealy bug, jasids, aphids, mites, bugs etc. If not controlled properly they will act as vectors and may spread virus diseases.	To control the pests apply neem oil emulsion (5 ml. neem oil mixed in one litre of luke warm soap water solution)  Or  Apply malathion 50 EC @ 2 ml + neem oil 4ml per litre of water
Bitter gourd	All stages	Fruit fly	Setting up of pheromone trap(Cue lure @1/15 cent)  +  Spot application of 10 % jaggery containing 0.1 % malathion@1 spot/40 m² on underside of leaves at fortnight intervals.
Cucurbits	All stages	Powdery mildew on cucurbits	As a prophylactic measure apply 'Mancozeb' (@ 2g/l of water).  If disease appeared, spray lime sulfur (@3g/L of water) on both surfaces of the leaves. Repeat after 10 days.
Cucurbitaceous vegetables	All stages	Yellow mosaic virus	Pull out the infected plants and burn or burry them.  Spray difenthiuron @ 1g/ litre.
Amaranths'	All stages	Leaf blight	Avoid overhead irrigation. Irrigate gently the basal regions of the plants. If disease is severe, apply cow dung slurry supernatant (2%) as foliar spray and Pseudomonas flourescens (2%) or Trichoderma viridae (2%) as soil application.

Sd/-Nodal Officer, GKMS Project, RARS Pilicode

\*\* Warning colour codes of rainfall (for disaster management)