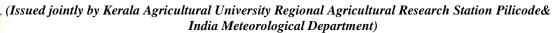


Agromet Advisory Bulletin for the District, Kozhikode

(Valid from 25.01.2025 to 29.01.2025)





Bulletin Number:Pilicode/Kkd-07/2025 Date: 24/01/2025

A. Weather Summary of preceding four days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
0.0	32.2 – 35.6	23.6 – 26.0	51 - 82	00 - 00

B. Weather forecast for next five days

Parameters	25-01-2025	26-01-2025	27-01-2025	28-01-2025	29-01-2025
Average Rainfall, mm	0	0	0	0	0
Max. Temp, °C	34	34	34	34	34
Min. Temp,°C	25	25	25	25	25
Max. Relative Humidity, %	81	81	81	81	81
Min. Relative Humidity, %	51	51	51	51	51
Wind speed,km/h	4	2	4	4	4
Wind direction, degrees	270	290	270	270	290
Total cloud cover, octa	2	2	2	3	2

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories	
	No 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 distinct difference between day time temperature and night temperature. There is no rainfall from January 24 to 28.			
General conditions				
General Recommen dations	In plantation crops, water conservation measures should be adopted. Give mulching in the soil with crop residues, green or dried leaves. The trashes used should be free of any pest and diseases. Avoid the trashes of the same species as mulch. This will help to prevent the multiplication of crop specific pest and disease causing organisms. Powdering the top soil using a secondary tillage implement and spreading it uniformly over the field, will help to conserve water for a long period of time in the fields.			
	Restrict the spraying of pesticides/fungicides operations to early morning and evening hours when the air is calm.			
	Irrigate the crop when the water is available in the evening or early morning. Adopt drip irrigation method for maximum water use efficiency			

Paddy	Grain filling stage	Rice bug	Apply Azadiractin 3000ppm stock after diluting in water @ 3ml/L. To have a better control add and stir one to two ml. of Malathion 50EC per litre of the diluted Azadiractin solution before applying. The spraying should be done in the evening, immediately after sunset.
Coconut	All stages	Stem bleeding	Chisel out the affected parts and apply Bordeaux paste. Drench the palm basin (2m radius) with 40 litres of 1% Bordeaux mixture. After one month, apply 5 kg Trichoderma enriched neem cake and 500g of Ayar® (micro nutrient mixture)
Banana	All stages	Pseudostem weevil	Adopt field sanitation.
			Remove the affected parts and burn it using kerosene.
			Apply Beauveria bassiana @ 20 g l ⁻¹ at 5, 6 and 7 month after planting.
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.
Brinjal	Various stages of growth	Epilachna beetle	Collection and destruction of every stage of the pest. Spray neem seed kernel extract @ 5 %. Apply neem – oil garlic emulsion @ 20 ml per litre.
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.
Ginger	Early growth stage	Stem borer	Apply any neem based insecticide @4ml/l
			OR Spray Flubendiamide (Fame -2 ml in10 litres of water) 2-3 times at weekly interval.
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)

Warning (Take actions)	Alert (Be prepared)	Watch (Be updated)	No warning (No actions)
warming (Take actions)	Mert (Be prepareu)	Water (Be apuated)	110 warming (110 actions)