



Agromet Advisory Bulletin for the District, Malappuram

(Valid from 08.02.2025 to 12.02.2025)

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



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Date: 07/02/2025

A. Weather Summary of preceding four days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
0.0	33.1 – 34.8	22.6 – 24.1	53 – 76	06– 14

B. Weather forecast for next five days

Parameters	08-02-2025	09-02-2025	10-02-2025	11-02-2025	12-02-2025
Average Rainfall, mm	0	0	0	0	0
Max. Temp, °C	34	34	34	34	34
Min. Temp, °C	24	24	24	24	24
Max. Relative Humidity, %	74	74	74	74	74
Min. Relative Humidity, %	53	53	53	53	53
Wind speed, km/h	2	2	2	4	2
Wind direction, degrees	200	250	200	230	200
Total cloud cover, octa	2	2	2	2	2

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General conditions	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 February 07 to 11.		
General Recommendations	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.
Rice	Flowering stage	Blast disease 	Spray Fujione (@ 2ml per litre of water) Spray Fujione or Nativo (@ 2ml/litre of water)
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)
Mango	Flowering stage	Mango hoppers 	Spray Azadirachtin (@5ml/litre Azadirachtin 3000pmm)
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.
Cashew	Flushing and flowering stage	Tea mosquito bug attack and associated fungal diseases 	Spray of combination of Mancozeb (@2g/litre) + Ekalux (2ml/litre)

Arecanut	All stages	Spindle Bug 	Spray Dimethoate 30EC(1.5 ml/litre of water)
Arecanut	Seedlings (3-4 years)	Leaf blight ,Bud rot 	Leaf blight :Bud rot :Apply 1% Bordeaux mixture
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.
Bovines	All stage	Lumpy skin 	Lumpy skin disease is a viral disease that affects cattle and it is transmitted by blood-feeding insects, such as certain species. of flies and mosquitoes, or ticks. It causes fever, nodules on the skin and can also lead to death. Prevention: Keep the shed and surroundings clean and hygiene. Movement of cattle should be controlled and provide vaccination under the recommendation of veterinary doctor.

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

Warning (Take actions)	Alert (Be prepared)	Watch (Be updated)	No warning (No actions)
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