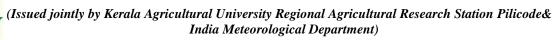


Agromet Advisory Bulletin for the District, Kannur

(Valid from 14.02.2024 to 18.02.2024)





Bulletin Number:Pilicode/Knr-13/2024	Date:13/02/2024

A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
0.0	35.0 – 36.0	23.4 – 24.7	66 – 84	02 - 06

B. Weather forecast for next five days

Parameters	14-02-2024	15-02-2024	16-02-2024	17-02-2024	18-02-2024
Average Rainfall, mm	0	0	0	0	0
Max. Temp, °C	35	35	35	35	35
Min. Temp,°C	25	24	24	24	24
Max. Relative Humidity, %	84	84	84	84	84
Min. Relative Humidity, %	66	66	66	66	66
Wind speed,km/h	3	3	3	3	3
Wind direction, degrees	270	270	270	250	270
Total cloud cover, octa	1	2	1	2	1

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories				
	No rain **						
General conditions	No rainfall. High relative						
		· · · · · · · · · · · · · · · · · · ·	mperature will be experienced. Hence there will berature and night temperature.				
General	Mulch the crop basins.						
Recommen	Irrigate the crop when the water is available in the evening or early morning. Adopt drip irrigation						
dations	method for maximum water use efficiency. Foliar spray of nitrogen fertilizers and micronutrients during the dry spell protects and improves the endurance of crop to the drought conditions.				· ·		
	Repair and rejuvenate local water bodies before the rainy season. Remove the weeds from fields. Those weeds can be used for mulching to avoid water loss. Take up hoeing or intercultural operations to make soil dust mulch to conserve soil moisture, remove weeds and break soil surface crust. Restrict the application of chemical fertilizers and poultry manure in un-irrigated areas. Apply lime on tree trunk.						

		1		
Vegetables	Various crop stages at different localities (from sowing and	While preparing the land, incorporate lime @ 4kg/cent to the soil. Use Trichoderma enriched farm yard manure/compost. This will check the spread of wilt diseases. Before transplanting, dip the roots of the seedlings in slurry of pseudomonas (20g pseudomonas/litre of water) for 30 minutes. This will help the seedlings to grow vigorously.		
	Transplanting to fruiting)			
		Also the seedlings can be s solution (@20ml dissolved in	sprayed with diluted pseudomonas culture n one litre of water).	
		As prophylactic measures, especially where organic cultivation practiced, spray Neem based insecticides (@2ml/litre) at fort intervals		
		Mulch the crop basins. Irrig evening time. IF possible add	gate the crop regularly either at morning or opt drip irrigation method	
			he slender stemmed (eg.: tomato) and vine ridge guard, snake guard etc.)	
		At the flowering stage spray 5000ppm boron solution (Solubor @5g/litre)		
Paddy	Ripening stage	In areas where rice is in the grain hardening phase, completely drain the water from fields.		
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	
Coconut	All stages	Leaf rot of coconut	Apply 1% Bordeaux mixture or 0.3% copper oxychloride solution in the heart of the crown. Apply lime. Spray borax also on leaves @ 5g/l. Also adopt all the basal management practices as described for the yellowing, above.	

Pepper	All stages	Slow Wilt	To control the disease drench the soil with copper oxy chloride(2g/L/plant)
Okra	All stages	Shoot and Fruit borer	Spray neem oil emulsion @ 5 %, at intervals of 15 to 20 days. Or Spraying with quinalphos 25 EC (2 ml per litre of water).
Cowpea	All stages	Aphid	Spay 3% Neemoil garlic emulsion or Dimethoate @ 2 ml/L
Arecanut	Seedlings (3-4 years)	Leaf blight ,Bud rot	Apply 1% Bordeaux mixture

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

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

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