



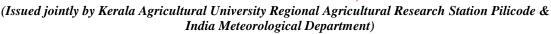
# Agromet Advisory Bulletin Kannur District

(Valid from 29.12.2021 to 02.01.2022)



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

29.12.2021 to 02.01.2022)





Bulletin Number: Pilicode/Knr-104/2021 Date: 28/12/2021

#### A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
00	33.5 – 34.3	22.3 – 23.6	65.0 – 93.1	00 - 10

#### B. Weather forecast for next five days

Parameters	29-12-2021	30-12-2021	31-12-2021	01-01-2022	02-01-2022
Rainfall, mm	0	0	0	0	0
Max. Temp, °C	34	34	34	34	34
Min. Temp, °C	22	22	22	22	22
Max. Relative Humidity, %	90	90	90	90	90
Min. Relative Humidity, %	65	65	65	65	65
Wind speed, km/h	6	7	8	8	7
Wind direction, degrees	230	270	270	270	270
Total cloud cover, octa	0	1	1	1	2

### C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories		
	No rain				
General conditions	The sky will be cloudy to partially cloudy. Low night temperature and high day temperature will be experienced. Hence there will be large difference between day time temperature and night temperature. The atmospheric humidity also will be high.  Fungal diseases like blight, leaf spots and wilt may spread in crops. Keep vigilance. Take control measures in the beginning stage of diseases.				
CONTRIONS	uniformly spreadi strengthened by pi	es should be adopted. Powdering the top soil harvesting pits (for which the bunds are cropping (especially with leguminous plants), to conserve the post monsoon rain water for a			

Paddy	Grain filling	Rice bug	Strict vigilance is necessary at milky stage. Keep the field and bunds free of weeds and grasses.  If attack is seen apply fish amino acid @ 20 ml/litre.
Coconut	All stages	Rhinoceros beetle  Dwarf varieties and young palms are more vulnerable to the attack.	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 used 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.
Cashew	Seedlings (up to four years)	Tea mosquito attack and associated fungal diseases	Prophylactic spray of combination of Bordeaux mixture (1% strength) + quinalphos (2ml/litre of the Bordeaux mixture)  If die back is seen apply combination of hexaconazole and malathione (@ hexaconosozole 1ml + malathione1ml per litre of water)
Mango	Flowering stage	Mango hoppers	Spray Azadirachtin (@5ml/litre Azadirachtin 3000pmm)
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.

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.
Amaranthus	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.
Okra	All stages	Jassids	Spray Thiamethoxam @ 2gm/10litre of water.
Chilli	Active growing stage	Thrips and Mites	Spray 'spiromesifen' (@1ml in litre of water)
Bovines	All stage	Lumpy skin	Adopt vaccination.  Keep cattle sheds and its surroundings hygienic.
		Foot and mouth diseases	

Goats	All stage	PPR disease	Adopt vaccination.  Keep cattle sheds and its surroundings hygienic

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Thanks: Dr. Gunateeta, Chief Veterinary Officer, Palakkad