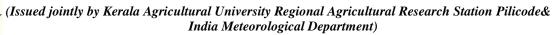


Agromet Advisory Bulletin for the District, Kannur

(Valid from 19.03.2025 to 23.03.2025)





Bulletin Number:Pilicode/Mpm-22/2025 Date: 18/03/2025

A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
13.2	33.7 – 34.8	23.8 - 27.2	62 – 86	00 – 06

B. Weather forecast for next five days

Parameters	19-03-2025	20-03-2025	21-03-2025	22-03-2025	23-03-2025
Average Rainfall, mm	1	0.1	0.1	0	0
Max. Temp, °C	36	36	36	36	36
Min. Temp,°C	25	25	25	25	25
Max. Relative Humidity, %	86	86	86	86	86
Min. Relative Humidity, %	70	70	70	70	70
Wind speed,km/h	6	3	5	10	6
Wind direction, degrees	270	250	270	290	270
Total cloud cover, octa	8	8	6	4	6

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories		
	Light to Moderate Rainfall**				
	Temperatures will be higher during the day. Atmospheric humidity will be normal.				
General	There will be light to moderate rainfalls (From2.5 mm to 64.4 mm within a time span of 24				
Condition	hours) on March 18, 19.				
	There will be light rainfalls (From2.5 mm to 15.5 mm within a time span of 24 hours) on March				
	20.				
	No rainfall on March 21,22.				
Weather warning	Chances for light to moderate rainfalls (From2.5 mm to 64.4 mm within a time span of 24 hour on March 18.				
Impacts Difficulty in drying agricultural produce in open conditions.			litions.		
	getables.				
High temperature during daytime may cause hi			rate of evaopration water from the soil.		
General Recommendati	Take care while drying directly under sun.	e, rubber, copra, pulses, vegetable seeds, etc			
ons	Do not heap the harves	sted products in the field itself			

	Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc. Clean drainage channels in crop lowlands to enable proper drainage of excess water in case of exigence if any.				
Keep animal feeds, seeds, fertilizers etc. in termite free and moist free rooms on elevat coated with wooden pannels.					
	Avoid activities under open field conditions during 12 AM to 3 PM on the days with high temperature.				
	Also do not expose liv	estock to such unfavorable wea	ther conditions.		
Coconut	All stages	Drought Management	 Cut two green leaves from the bottom layer, to reduce the water loss from the tree. Apply compost/dried leaves in the basins to increase water holding capacity. Adopt drip irrigation. This will minimize the irrigation water loss. Protect the newly planted young seedlings from direct sunlight falling on it by providing good shades. 		
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		
Coconut	All stages	Stem bleeding	Reduce the nut load by harvesting all the matured and about to matured nuts Chisel out the affected parts and apply Hexaconazole (Contaf®) 5ml/litre solution in the wound. After getting the wound dried, immediately smear the spot with Rubbercoat®. Drench the palm basin (2m radius) with Hexaconazole (Contaf®), 50ml dissolved in 25 litre of water per palm at monthly intervals, for 5months or till the disease fully disappears. Spread lime thickly in the basins and incorporate with the soil.		

Banana	All stages	Pseudostem weevil	Ensure field sanitation. Apply EPN infected Cadaver (@ 4 numbers per plant) in the middle whorls of the leaves during 5 th and 6 th months after planting (Cadaver is available at KAU Banana Research Station, Kannara. Contact number: 9605758722)
Brinjal	Fruiting stage	Fruit and Shoot borer	Keep vigilance. If infestation is noticed, nip off the infected shoots from 3cm below the bore hole. If infestation is severe spray Chlorantraniliprole (Coragen®) (@ 3ml per 10 litres of water) after harvesting all about to mature fruits. The next harvesting can be made only after seven days from the spraying.
Animal Husbandry	All stages	Summer Stress	The rise in temperature will affect the thermoregulatory mechanism of dairy cattle. This will cause increase in body temperature, rapid shallow breathing, increased heart rate, profuse salivation, and reduced feed intake. This in turn results in severe production loss and reduced breeding efficiency in dairy cattle.
			Provide pure drinking water to the dairy cattle (45 to 60 litres of water), Allow grazing only during the cooler parts of the day. Provide shading. Shelter them in thatched roofings of minimum 9 ft. height with ample ventilation. Providing fans, misting and fogging assembly in cattle sheds will help them to regulate body temperature. Also ensure minerals fortified feeds.

** 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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