



# Agromet Advisory Bulletin for the District, Kozhikode

(Valid from 22.02.2025 to 26.02.2025)

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



Bulletin Number: Pilicode/Mpm-15/2025

Date: 21/02/2025

## A. Weather Summary of preceding four days







Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
0.0	35.0 – 36.5	24.9 – 26.4	63 - 85	00 - 00


## B. Weather forecast for next five days

Parameters	22-02-2025	23-02-2025	24-02-2025	25-02-2025	26-02-2025
Average Rainfall, mm	0.1	0.1	0.1	0	0
Max. Temp, °C	37	37	37	37	37
Min. Temp, °C	26	26	25	25	25
Max. Relative Humidity, %	83	88	80	80	80
Min. Relative Humidity, %	63	60	62	62	62
Wind speed, km/h	6	6	8	6	6
Wind direction, degrees	270	270	320	270	270
Total cloud cover, octa	4	6	2	2	2

## C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
<b>General conditions</b>	<b>Light Rainfall **</b>		
	<p>The sky will be cloudy. High relative humidity will be experienced.</p> <p>Low night temperature and high day temperature will be experienced. Hence there will be distinct difference between day time temperature and night temperature.</p> <p>There will be light rainfalls (From 2.5 mm to 15.5 mm within a time span of 24 hours) from February 21 to 23.</p> <p>No rainfall on February 24 &amp; 25.</p>		
<b>General Recommendations</b>	<p>Drain the stagnating water from the cultivated areas where heavy water stagnations occurs.</p> <p>Do not attempt to dry the products like rice, rubber, copra, pulses, vegetable seeds, etc directly under sun.</p> <p>Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc. Clean the drainage channels in crop lowlands to enable proper drainage of excess water in case of exigencies if any.</p> <p>Maintain hygiene conditions in crop fields. Infected and fallen nuts, leaves and tree parts should be removed from the fields and burnt.</p> <p>Spraying should be done only if sufficient intervals are available between the rainfalls.</p>		

Coconut	Various stages	<p>Leaf eating caterpillar</p> 	<p>The season is congenial for the spread of leaf eating caterpillars in coastal areas. Cut and burn the affected leaves. Release larval parasitoids, <i>Goniozus nephantidis</i>, @10 nos/palm (4-6 release) on the trunk</p>
Mango	Fruit maturing stage	<p>Mango fruit flies</p> 	<p>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.</p>
Arecanut	Seedlings (3-4 years)	<p>Leaf blight ,Bud rot</p> 	<p>Leaf blight :Apply 1% Bordeaux mixture</p>
Arecanut	Bearing palms	<p>Inflorescence die back and button shedding</p> 	<p>Warm humid conditions may cause this disease. Spray Hexaconazole (Contaf) 1 ml/litre or Bordeaux mixture 1%. Repeat after 20-25 days.</p>
Okra	All stages	<p>Shoot and Fruit borer</p> 	<p>Spray neem oil emulsion @ 5 %, at intervals of 15 to 20 days.</p> <p>Or</p> <p>Spraying with quinalphos 25 EC (2 ml per litre of water).</p>
Cowpea	All stages	<p>Aphid</p> 	<p>Spay 3% Neemoil garlic emulsion or Dimethoate @ 2 ml/L</p>

Poultry and pet birds	Different stages	<p style="text-align: center;">Summer stress</p> 	<p>To combat heat stress, the poultry sheds should be protected from direct sunlight, roofing can be painted white to reflect heat, fans can be fitted, cool water can be sprayed, plenty of clean water can be provided with ice, glucose and 0.1 % sodium bicarbonate, feed offered during the cooler parts of the day can be supplemented with 20% extra vitamins, phosphorous and vitamin C.</p>
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**\*\* Warning colour codes of rainfall (for disaster management)**

<b>Warning (Take actions)</b>	<b>Alert (Be prepared)</b>	<b>Watch (Be updated)</b>	<b>No warning (No actions)</b>
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