



# Agromet Advisory Bulletin for the District, Kannur

(Valid from 03.09.2025 to 07.09.2025)

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



Bulletin Number: Pilicode/ Knr - 70/2025

Date: 02/09/2025

## A. Weather Summary of preceding five days

| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 77.8         | 26.3 – 31.2    | 22.2 – 24.4    | 74 – 97  | 00 – 06          |

## B. Weather forecast for next five days

| Parameters                | 03-09-2025 | 04-09-2025 | 05-09-2025 | 06-09-2025 | 07-09-2025 |
|---------------------------|------------|------------|------------|------------|------------|
| Average Rainfall, mm      | 3          | 15         | 5          | 2          | 3          |
| Max. Temp, °C             | 32         | 31         | 31         | 31         | 31         |
| Min. Temp, °C             | 24         | 23         | 23         | 23         | 23         |
| Max. Relative Humidity, % | 90         | 95         | 95         | 95         | 95         |
| Min. Relative Humidity, % | 85         | 85         | 85         | 85         | 85         |
| Wind speed, km/h          | 8          | 4          | 4          | 4          | 3          |
| Wind direction, degrees   | 340        | 320        | 270        | 270        | 270        |
| Total cloud cover, octa   | 8          | 8          | 8          | 8          | 8          |

## C. Agrometeorological Advisories

| Crop                           | Stages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Problems | Agro-meteorological advisories |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------------|
| <b>General Condition</b>       | <b>Isolated heavy Rainfall**</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                |
|                                | The sky will be partially or fully cloudy. High relative humidity will be experienced. The atmospheric temperature will be high.                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                |
| <b>Weather warning</b>         | There will be heavy rainfalls on September 03&04 in isolated places.<br>There will be light to moderate rainfalls on September 05&06.                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                                |
| <b>Impacts</b>                 | Damaging and losses or deteriorating quality of the open drying agricultural produces like copra, rubber, cashew nuts, seeds, food materials for processing etc..<br><br>Damages and losses may occur for crops having slender stems like banana and vegetables. Breaking branches and or trees may occur.<br><br>Chances for water stagnation in the fields.                                                                                                                                                                                                           |          |                                |
| <b>General Recommendations</b> | Do not dry any products on open conditions.<br>Do not go for open field operations if heavy rain is experienced<br>Keep livestock and poultries within strong structures. Do not keep livestock under open conditions or under trees.<br>Do not keep seeds, perishable goods, fertilizers, cattle and poultry feeds on moist floors. Keep them in rooms on elevated platforms<br>Travelling may be postponed.<br>Closely follow the directions of disaster management authorities. People living near seashore and on banks of river/waterbodies may take extreme care. |          |                                |

|              |                                   |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rice         | All stages                        | Blight                                                                                                       | In places where flooding occurred, there are chances of appearing blight and decaying of plants. As a precautionary measure place perforated bags which contain bleaching powder (2kg/acre), on the face of entry of water into the fields.                                                                                                                                                                                                              |
| Coconut      | All stages                        | Bud rot<br>                 | <p>Detection of disease at its early stage will help to adopt efficient corrective measures. Cut and remove the affected tissues from the crown and apply Bordeaux paste. After that cover the cut surface with polythene sheets to protect it from rain falls until new leaf emerges.</p> <p>Burn the removed tissues immediately.</p> <p>As a prophylactic measure spray 1% Bordeaux mixture into the axils of top leaves of the surrounding palms</p> |
| Black pepper | Newly planted/early growth stages | Quick wilt disease<br>     | <p>Spray Redomil (@2g/litre of water) or copper oxy chloride (@3g/litre of water)</p> <p>Drench the soil in the basins with the same preparation (@ 5 litre per vine) as mentioned above.</p>                                                                                                                                                                                                                                                            |
| Black pepper | Bearing stage                     | Pollu beetle/disease<br>  | <p>As a pyrolytic measure spray spray 1% Bordeaux mixture mixed with quinalphos (2ml/litre of Bordeaux mixture).</p> <p>If attack is seen spray solution containing hexaconazole (5ml) + cyhalothrin (3ml) per 5 litres of water.</p>                                                                                                                                                                                                                    |
| Ginger       | Early growth stage                | Wilt disease<br>          | <p>Apply lime @ 200 kg per acre of land and thoroughly mix with soil.</p> <p>Use bio control agents, Trichoderma/Pseudomonas.</p> <p>Pull out and destroy the affected plants immediately when the disease is noticed.</p> <p>Drench the fields with 1% Bordeaux mixture</p>                                                                                                                                                                             |
| Okra         | All stages                        | Shoot and Fruit borer<br> | <p>Spray neem oil emulsion @ 5 %, at intervals of 15 to 20 days.</p> <p>OR</p> <p>Spray quinalphos 25 EC (2 ml per litre of water).</p>                                                                                                                                                                                                                                                                                                                  |

|     |           |                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----|-----------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cow | Any stage | <p>FMD<br/>(Foot and Mouth disease)</p>  | <p>Foot and Mouth disease is a highly transmissible disease caused by infection with an Aphthovirus. The infection results in vesicular lesions in and around the mouth and on the feet, resulting in the reluctance of an animal to eat or move. <b>Prevention:</b> Ensure hygienic conditions for the individual animals as well as their shelter and its surroundings. Boost the immunity of cattle by supplementing feeds with vitamins and minerals containing health tonics. If disease appears, give medication under the supervision of a Veterinary doctor immediately.</p> |
|-----|-----------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

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

Sd/-  
Nodal Officer,  
GKMS Project, RARS Pilicode