



## Agromet Advisory Bulletin for the District, Kozhikode

(Valid from 04.10.2025 to 08.10.2025)

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



Bulletin Number: Pilicode/ Kkd -79/2025

Date: 03/10/2025

### A. Weather Summary of preceding four days

| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 6.8          | 31.4 – 33.4    | 25.0 – 25.5    | 67– 86   | 00 – 00          |

### B. Weather forecast for next five days

| Parameters                | 04-10-2025 | 05-10-2025 | 06-10-2025 | 07-10-2025 | 08-10-2025 |
|---------------------------|------------|------------|------------|------------|------------|
| Average Rainfall, mm      | 0.6        | 0.3        | 0.5        | 0.1        | 0.1        |
| Max. Temp, °C             | 33         | 33         | 33         | 33         | 33         |
| Min. Temp, °C             | 25         | 25         | 25         | 25         | 25         |
| Max. Relative Humidity, % | 82         | 82         | 82         | 82         | 82         |
| Min. Relative Humidity, % | 77         | 77         | 77         | 77         | 77         |
| Wind speed, km/h          | 3          | 4          | 4          | 8          | 8          |
| Wind direction, degrees   | 290        | 320        | 320        | 320        | 290        |
| Total cloud cover, octa   | 8          | 8          | 7          | 6          | 5          |

### C. Agrometeorological Advisories

| Crop                           | Stages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Problems | Agro-meteorological advisories |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------------|
| <b>General Condition</b>       | <b>Light to Moderate 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 light to moderate rainfalls from October 04 to 07.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |                                |
| <b>Impacts</b>                 | <p>Damaging and losses or deteriorating quality of the open drying agricultural produces like copra, rubber, cashew nuts, seeds, food materials for processing etc..</p> <p>Damages and losses may occur for crops having slender stems like banana and vegetables. Breaking branches and or trees may occur.</p> <p>High temperature during daytime may cause high rate of evaporation of water from the soil.</p>                                                                                                                                                                                             |          |                                |
| <b>General Recommendations</b> | <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>Do not shelter the cattle in houses with weak structures.</p> <p>Keep animal feeds, seeds, fertilizers etc. in termite free and moist free rooms on elevated platforms coated with wooden panels.</p> <p>Provide mulching to crops to reduce waterloss from soil.</p> |          |                                |

|              |                    |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rice         | All stages         | <p>Case worm</p>                           | <p>Destroy the dislodged larvae. After pulling a rope swabbed with kerosene or engine oil. Drain away the water from the fields. Broadcast the mixture containing 1L of kerosene in 25 kg of saw dust or sand in the field.</p>                                                                                                                                                                                                                          |
| Coconut      | All stages         | <p>Bud rot</p>                             | <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> |
| Areca nut    | All stages         | <p>Mahali disease</p>                     | <p>Apply Bordeaux mixture (1%) to the bunch and leaves.</p>                                                                                                                                                                                                                                                                                                                                                                                              |
| Black pepper | All stages         | <p>Foot rot</p>                          | <p>As prophylactic measure, apply 150 gram of Trichoderma enriched neem cake - cow dung mixture in the basins of the vines and incorporate thoroughly with the soil. If disease already appeared, drench soil in the plant basins with Redomil 0.2% (2g/litre of water). Spray the same on the leaves also.</p>                                                                                                                                          |
| Cashew       | Pre-bearing stages | <p>Tea mosquito bug</p>                  | <p>Prophylactic measures:</p> <p>1) The fungal biological control agent, <i>Beauveria bassiana</i> can be sprayed @ 20g/L</p> <p><b>Or</b></p> <p>2) Spray 1% Bordeaux mixture mixed with quinalphos (2ml/litre of Bordeaux mixture)</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</p>                                                      |

|  |  |                                                                                  |                                                                                                                                                                                  |
|--|--|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | cattle by supplementing feeds with vitamins and minerals containing health tonics. If disease appears, give medication under the supervision of a Veterinary doctor immediately. |
|--|--|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**\*\* 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> |
|-------------------------------|----------------------------|---------------------------|--------------------------------|

Sd/-  
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