



# Agromet Advisory Bulletin for the District, Malappuram

(Valid from 18.10.2025 to 22.10.2025)

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



Bulletin Number: Pilicode/Mpm-83/2025

Date: 17/10/2025

## A. Weather Summary of preceding four days

| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 90.0         | 30.1 – 33.0    | 24.3 – 24.6    | 76 – 93  | 00– 08           |

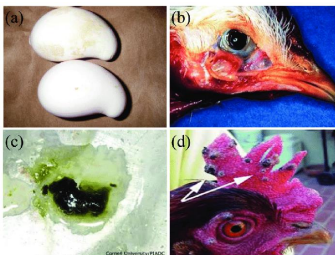
## B. Weather forecast for next five days

| Parameters                | 18-10-2025 | 19-10-2025 | 20-10-2025 | 21-10-2025 | 22-10-2025 |
|---------------------------|------------|------------|------------|------------|------------|
| Average Rainfall, mm      | 4          | 3          | 1          | 3          | 2          |
| Max. Temp, °C             | 31         | 31         | 31         | 31         | 31         |
| Min. Temp, °C             | 25         | 25         | 25         | 25         | 25         |
| Max. Relative Humidity, % | 96         | 96         | 96         | 96         | 96         |
| Min. Relative Humidity, % | 80         | 80         | 80         | 80         | 80         |
| Wind speed, km/h          | 2          | 2          | 2          | 2          | 2          |
| Wind direction, degrees   | 70         | 250        | 250        | 200        | 250        |
| Total cloud cover, octa   | 8          | 7          | 8          | 7          | 7          |

## 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 rainfall on October 18&20 in isolated places.<br>There will be light to moderate rainfalls on October 19&21.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |                                |
| <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>High temperature during daytime may cause high rate of evaporation of water from the soil.                                                                                                                                                                                             |          |                                |
| <b>General Recommendations</b> | Do not attempt to dry the products like rice, rubber, copra, pulses, vegetable seeds, etc directly under sun.<br><br>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.<br><br>Do not shelter the cattle in houses with weak structures.<br><br>Keep animal feeds, seeds, fertilizers etc. in termite free and moist free rooms on elevated platforms coated with wooden panels.<br><br>Provide mulching to crops to reduce waterloss from soil. |          |                                |

|                        |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rice                   | Transplanting stage for second crop | <p>Dip the roots of the seedlings in slurry of pseudomonas (20g pseudomonas/litre of water) for 30 minutes just before transplanting. This will help the seedlings to grow vigorously.</p> <p>Apply fertilizers at the occasion of no rainfalls, after lowering the water and blocking all drainage channels.</p> <p>While transplanting, apply 400g urea, 900g mussooriephos and 150g muriate of potash for the medium duration varieties and 400g urea, 700g mussooriephos and 120g muriate of potash for the short duration varieties to each cent (40 square meter) of land area.</p> |                                                                                                                                                                                                                                                                                                                                                 |
| Cool season vegetables | Land preparation                    | <p>Incorporate lime or dolomite to the soil depending on its acidity, at least 14 days before the application of chemical fertilizers. This will not only reduce the acidity but also control the soil borne diseases.</p>                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                 |
| Coconut                | All stages                          | <p>Stem bleeding</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>Chisel out the affected parts and apply Bordeaux paste.</p> <p>Drench the palm basin (2m radius) with 40 litres of 1% Bordeaux mixture or soil drenching of Hexaconazole (Contaf®) 25ml/25 litre of water once in 4 months.</p> <p>After one month, apply 5 kg Trichoderma enriched neem cake and 500g of Ayar® (micro nutrient mixture)</p> |
| Areca nut              | All stages                          | <p>Mahali disease</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>Apply Bordeaux mixture (1%) to the bunch and leaves.</p>                                                                                                                                                                                                                                                                                     |
| Banana                 | Various stages of growth            | <p>Pitting disease</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>Spray Mancozeb (@2g/litre), only on immature bunches. .</p> <p>Cover the bunches with poly ethylene sheets having pin holes on it. This will help to protect the bunches from birds attack also.</p>                                                                                                                                         |
| Ginger                 | All stages                          | <p>Rhizoctonia leaf blight</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>Spray carbendazim (@2g/litre of water)</p>                                                                                                                                                                                                                                                                                                   |

|         |                      |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------|----------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poultry | All stages of growth | <p>Newcastle Disease</p>  | <p>Newcastle disease or Ranikhet disease is a highly contagious disease of birds caused by a <b>para-myxo</b> virus. This infection results gasping and coughing, drooping wings, dragging legs, twisting of the head and neck, circling, in appetite, complete paralysis.</p> <p><b>Prevention:</b> Ensure complete hygiene condition for birds and chicken coops. Provide vaccinations with Live B1 and La Sota strains administered in drinking water intranasally or intraocularly.</p> |
|---------|----------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**\*\* 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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