



Agromet Advisory Bulletin for the District, Kasaragod

(Valid from 06.10.2021 to 10.10.2021)

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



Bulletin Number: Pilicode/Ksd-80/2021

Date: 05/10/2021

A. Weather Summary of preceding five days




| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 63.9 | 30.0 – 31.0 | 22.5 – 25.5 | 74 - 96 | 03 – 8.8 |




B. Weather forecast for next five days

| Parameters | 06-10-2021 | 07-10-2021 | 08-10-2021 | 09-10-2021 | 10-10-2021 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall, mm | 7 | 5 | 10 | 10 | 5 |
| Max. Temp, °C | 33 | 33 | 33 | 33 | 33 |
| Min. Temp, °C | 25 | 25 | 25 | 25 | 25 |
| Max. Relative Humidity, % | 100 | 100 | 100 | 100 | 100 |
| Min. Relative Humidity, % | 93 | 93 | 93 | 93 | 93 |
| Wind speed, km/h | 5 | 3 | 6 | 7 | 7 |
| Wind direction, degrees | 230 | 200 | 200 | 200 | 200 |
| Total cloud cover, octa | 7 | 8 | 8 | 8 | 8 |

C. Agrometeorological Advisories

| Crop | Stages | Problems | Agro-meteorological advisories |
|---------------------------|--------|----------|---|
| General conditions | | | Light to moderate rainfalls are very likely to occur on five days. |
| | | | <p>The sky will be cloudy or partially cloudy. Low night temperature and high day temperature will be experienced. Hence there will be large difference between day time temperature and night temperature. The atmospheric humidity also will be high.</p> <p>As per extended range forecast, cumulative normal rainfall is likely.</p> |

| | | | |
|---|--------------------------|--|--|
| <p><u>General conditions</u></p> | | <p>Complete the second dose of fertilizer applications to coconut like tree crops quickly</p> <p>If there are any crab holes /cracks on the bunds of the paddy fields that should be blocked by plastering with mud. Also remove all the weeds from the fields.</p> <p>In plantation crops, water conservation measures should be adopted. Powdering the top soil uniformly spreading in the field, rain water harvesting pits (for which the bunds are strengthened by pineapple, vetiver etc.), cover cropping (especially with leguminous plants), coconut husk/coir pith drenching etc. will help to conserve the post monsoon rain water for a long period of time in the fields.</p> | |
| Vegetables | Transplanting/ sowing | <p>While preparing the land, incorporate lime @ 4kg/cent to the soil. Use Trichoderma enriched farm yard manure/compost. This will check the spread of wilt diseases.</p> <p>Before transplanting, dip the roots of the seedlings in slurry of pseudomonas (20g pseudomonas/litre of water) for 30 minutes. This will help the seedlings to grow vigorously.</p> <p>Also the seedlings can be sprayed with diluted pseudomonas culture solution (@20ml dissolved in one litre of water).</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.</p> <p>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> |
| Ginger | All stages | <p>Rhizoctonia leaf blight</p>  | Spray carbendazim (@2g/litre of water) |
| Turmeric | All stages | <p>Shoot borer</p>  | Spray dimethoate (@2ml/litre of water) |

| | | | |
|--------|--------------------------|---|--|
| Banana | Various stages of growth | <p style="text-align: center;">Panama wilt</p>  | <p>1. Prophylactic measures:</p> <p>Soil application of Pseudomonas @ 20g/litre of water.</p> <p>Dipping of suckers in carbendazim (@2g/litre of water) solution for 20 minutes before planting</p> <p>2. If disease appears</p> <p>Crop sanitation: Eradication of infected plants and application of lime in the pits (@1kg/pit</p> <p>Drenching with carbendazim, @2g/L of water</p> <p>Spraying propiconazole @1ml/litre of water on leaves of the surrounding plants.</p> |
| Banana | Various stages of growth | <p style="text-align: center;">Sigatoka leaf spot</p>  | <p>Cut and burn all severely affected leaves.</p> <p>Spray propiconazole (@2ml/Litre of water)</p> |
| Cashew | Newly planted seedlings | <p style="text-align: center;">Tea mosquito attack and associated fungal diseases</p>  | <p>Prophylactic spray of combination Bordeaux mixture (1% strength) + quinalphos (2ml/litre of the Bordeaux mixture)</p> |

Sd/-
 Nodal Officer,
 GKMS Project, RARS Pilicode