



आजादी
का
अमृत महोत्सव

Agromet Advisory Bulletin for the District, Kasaragod

(Valid from 15.09.2021 to 19.09.2021)

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



Bulletin Number: Pilicode/Ksd-74/2021

Date: 14/09/2021

A. Weather Summary of preceding five days





| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 123.6 | 30.0 – 31.0 | 24.0 – 24.5 | 78 - 100 | 02 - 03 |





B. Weather forecast for next four days

| Parameters | 15-09-2021 | 16-09-2021 | 17-09-2021 | 18-09-2021 | 19-09-2021 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall, mm | 40 | 20 | 20 | 10 | 10 |
| Max. Temp, °C | 31 | 31 | 31 | 31 | 31 |
| Min. Temp, °C | 25 | 25 | 25 | 25 | 25 |
| Max. Relative Humidity, % | 98 | 98 | 98 | 98 | 98 |
| Min. Relative Humidity, % | 85 | 85 | 85 | 85 | 85 |
| Wind speed, km/h | 6 | 6 | 7 | 5 | 6 |
| Wind direction, degrees | 250 | 230 | 270 | 230 | 270 |
| Total cloud cover, octa | 8 | 8 | 8 | 7 | 7 |

C. Agrometeorological Advisories

| Crop | Stages | Problems | Agro-meteorological advisories |
|------|----------------------------------|----------|---|
| | | | Low to medium rainfalls are Very Likely on next five days in the district. |
| | | | Do not keep harvested produces like rice, rubber, copra, vegetables, seeds, and fertilizers in open places. |
| | | | Store cattle feeds in moisture free rooms on elevated platforms to avoid contaminations |
| | | | For aerating the soil of basins/pits of the newly planted tree crops give 20 – 30 cm deep raking. Spray 1% Bordeaux mixture on the leaves and growing region. Drenching the basins with the same will also help to prevent fungus and bacterial infections. |
| | | | Ensure there is no blockages in water flowing channels in rice fields |
| | <u>General conditions</u> | | |

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|--------------|--|--|--|
| Paddy | Main field for second crop (Mundakan season) | To correct the iron toxicity problem of midland lateritic soils, apply lime/dolomite as recommended in the soil test result. If soil testing is not done, apply lime/dolomite @ 2kg/cents (40sq.m) and incorporate thoroughly with the soil at least 14 days before the application of chemical fertilizers. Repeat lime application at the same rate after 30-40 days of transplanting also. Apply FYM/compost @ 20kg/cents and incorporate with the soil along with ploughing. | |
| Coconut | All stages | <p style="text-align: center;">Stem bleeding</p>  | <p>Chisel out the affected portion/ site of bleeding on the trunk of the tree and apply Bordeaux paste.</p> <p>Drench the palm basin (2m radius) with hexaconazole (@25ml/25litre of water per palm). Repeat this procedure once more after four months</p> |
| Coconut | All stages | <p style="text-align: center;">Basal rot/Gandermia wilt</p>  | <p>After one month, uniformly spread 5 kg Trichoderma enriched neem cake in the basin and incorporate with the soil</p> |
| Arecanut | Bearing | <p style="text-align: center;">Colletotrichum wilt</p>  | <p>Apply 1% Bordeaux mixture on leaves and nuts</p> |
| Black pepper | Bearing stage | <p style="text-align: center;">Pollu beetle and disease</p>  | <p>Prophylactic spray of combination Bordeaux mixture (1% strength) + quinalphos (2ml/litre of the Bordeaux mixture)</p> <p>If damage is visible apply combination of hexaconazole and deltamethrin (@ hexaconazole 1ml + deltamethrin 0.5ml per litre of water)</p> |

| | | | |
|----------|--------------------------|---|---|
| Brinjal | Seedling | <p>Collar rot</p>  | Spray and drench bavistin (@ 2g/litre) |
| Brinjal | All stages | <p>Leaf blight</p>  | |
| Banana | Various stages of growth | <p>Sigatoka leaf spot</p>  | Cut and burn all severely affected leaves. Spray 1% Bordeaux mixture with sticker soon after the appearance of symptoms (5 to 6 sprays at fortnightly intervals). Spray 1% petroleum based mineral oils. Spray 0.1% carbendazim or 0.2% Mancozeb alternatively @ fortnightly intervals. |
| Turmeric | Growth phase | <p>Leaf blotch</p>  | Spray mancozeb (@2g/litre of water) or copper oxy chloride (@2g/litre of water) |

Sd/-
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