



Agromet Advisory Bulletin for the District, Kasaragod

(Valid from 28.11.2020 to 02.12.2020)

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



Bulletin Number: Pilicode/Ksd-95/2020 **Date: 27/11/2020**



A. Weather Summary of preceding four days







| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 0.0 | 26.0 – 31.0 | 18.5 – 23.5 | 80– 92 | 02-04 |

B. Weather forecast for next five days

| Parameters | 28.11.2020 | 29.11.2020 | 30.11.2020 | 01.12.2020 | 02.12.2020 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall, mm | 0 | 0 | 0 | 0 | 0.5 |
| Max. Temp, °C | 33 | 33 | 33 | 33 | 33 |
| Min. Temp, °C | 24 | 24 | 24 | 24 | 24 |
| Max. Relative Humidity, % | 85 | 85 | 85 | 85 | 85 |
| Min. Relative Humidity, % | 60 | 60 | 60 | 60 | 60 |
| Wind speed, km/h | 10 | 10 | 12 | 12 | 16 |
| Wind direction, degrees | 230 | 200 | 270 | 270 | 250 |
| Total cloud cover, octa | 4 | 4 | 4 | 2 | 2 |

C. Agrometeorological Advisories

| Crop | Stages | Problems | Agro-meteorological advisories |
|---------------------------|------------|--|--|
| General conditions | | <p>Very low rainfalls may occur in isolated places.</p> <p>Rice, Copra and Rubber should not be left in the drying yards during night.</p> | |
| Water conservation | | <p>Give mulches in basins to prevent water losses from soil.</p>  | |
| Paddy | All stages | <p>Bacterial leaf blight</p>  | <p>Spray supernatant solution of the cow dung water mixture (Dispense 20g cow dung in 1 L of water and filter the solution through muslin cloth). Place bags containing bleaching powder (2kg/acre) in the paddy field at the entry face of running water into the field</p> <p>If the infection is severe spray Streptocyclin 30g/200 L of water for 1acre.</p> |

| | | | |
|------------|--|--|--|
| Rice | Various stages | <p>Leaf roller</p>  | <p>If leaf folder attack is seen, unfold the leaves by rolling thorny wires/twigs over the canopy. Attack will be more in shaded conditions. Avoid excessive Nitrogenous fertilizers.</p> <p>If the attack is severe spot spraying of Coragen® @3ml/10 ltr of water is also advised.</p> |
| Coconut | Various stages | <p>Nut fall / Button shedding</p>  | <p>If nuts fall with the presence of sunken lesions at the perianth region having clear margins, spray the bunches with calyxin (@1ml per litre of water) mixed with a sticking agent, Agrowet (@ 1ml/litre).</p> |
| Vegetables | Cucurbitaceous vegetables :- Flowering and fruit setting | <p>Melon fruit flies</p>  | <p>Keep pheromone traps.</p> <p>Spray Malathion:- Mix 2 ml of Malathion in one litre of water. Dissolve 10g of jaggery in the solution to attract the flies. Spray this solution on lower sides of the leaves</p> |
| Vegetables | All stages | <p>Downy mildew on cucurbits</p>  | <p>As a prophylactic measure apply 'Mancozeb' (@ 2g/l of water). If disease appeared, spray Akomin® (@3ml/L) on both surfaces of the leaves, thrice at 15 days interval. Remove and burn out the infested leaves.</p> |
| Banana | All stages | <p>Pseudostem weevil</p>  | <p>Adopt good field sanitation.</p> <p>Apply Beauveria bassiana @ 20 g/l at 5, 6 and 7 month after planting.</p> <p>If affected, spray fipronil 0.015% (Fipronil 5SC @ 3 ml/l).into the wholes created by weevils on the pseudostem.</p> |
| Mango | Fruit setting stage | <p>Mango fruit flies</p>  | <p>Collect and destroy the fallen fruits by taking deep pits atleast 60 cm depth.</p> <p>Set up pheromone trap (methyl eugenol trap) @ 1 trap/15 cents.</p> |

