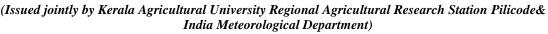


Agromet Advisory Bulletin for the District, Kasaragod

(Valid from 14.12.2024 to 18.12.2024)





Bulletin Number:Pilicode/Ksd-100/2024 Date: 13/12/2024

A. Weather Summary of preceding four days

| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 0.0 | 33.0 - 34.0 | 24.0 - 25.0 | 63 - 96 | 00 – 01 |

B. Weather forecast for next five days

| Parameters | 14-12-2024 | 15-12-2024 | 16-12-2024 | 17-12-2024 | 18-12-2024 |
|---------------------------|------------|------------|------------|------------|------------|
| Average Rainfall, mm | 0.5 | 0.1 | 0.1 | 0.1 | 2 |
| Max. Temp, °C | 34 | 33 | 33 | 34 | 34 |
| Min. Temp,°C | 25 | 24 | 24 | 25 | 25 |
| Max. Relative Humidity, % | 86 | 86 | 86 | 86 | 86 |
| Min. Relative Humidity, % | 74 | 74 | 74 | 74 | 74 |
| Wind speed,km/h | 3 | 3 | 3 | 3 | 4 |
| Wind direction, degrees | 320 | 290 | 320 | 320 | 320 |
| Total cloud cover, octa | 7 | 4 | 4 | 4 | 8 |

C. Agrometeorological Advisories

| Crop | Stages | Problems | Agro-meteorological advisories | |
|--------------------------------|---|----------|--------------------------------|--|
| | Light to Moderate Rainfall ** | | | |
| General conditions | The sky will be cloudy. High relative humidity will be experienced. Low night temperature and high day temperature will be experienced. Hence there will be distinct difference between day time temperature and night temperature. There will be light to moderate rainfalls (From 15.5 mm to64.4 mm within a time span of 24 hours) from December 13 to 17. | | | |
| General Recommendat ions | Drain the stagnating water from the cultivated areas if heavy water stagnations occurs. Harvest the matured crops and transport to store houses quickly. Do not heap the harvest produces in the field itself or in open places. Do not attempt to dry the products like rice, rubber, copra, pulses, vegetable seeds, etc. direct under sun. | | | |

| | Give propping 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. | | |
|--------------|---|---|--|
| | Maintain hygiene conditions in crop fields. Infected and fallen nuts, leaves and tree parts should be removed from the fields and burnt. | | |
| | Keep animal feeds, seeds, fertilizers etc. in termite free and moist free rooms on elevated platforms coated with wooden panels. | | |
| | Use sticking agents also | while spraying. | |
| | | ees and weak roof structures. Li of and under trees. Beware of l | kewise the animals also should not be ighting. |
| Paddy | All stages | Bacterial leaf blight | If flooding occurs, there are chances of appearing blight and decaying of plants. As a precautionary measure place perforated bags which contain bleaching powder (2kg/acre), on the face of entry of water into the fields. 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). |
| | | | If the infection is severe spray Streptocyclin 30g/200 L of water for lacre. |
| Black pepper | All stages | Foot rot | Foot rot: 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. |
| Banana | Various stages of growth | Sigatoka leaf spot | Cut and burn all affected leaves. Spray Tilt or Contaf (@ 2ml per litre) |

| Cashew | Fleshing stage | Tea mosquito bug | Take control measures only if the attack is seen (only if there is scraped marks on newly formed slender twigs). If the attack is noticed spray lamda cyhalothrin+copper oxy chloride (@ lamda cyhalothrin 0.6ml + copper oxy chloride 2g in one litre of water) |
|------------------------------|--|-----------------------|--|
| Cashew | Flowering stage (Early bearing varieties like Madakathara – 1, KAU – Nihara) | Tea mosquito bug | Take control measures only if the attack is seen (only if there is scraped marks on peduncle/pedicel of the panicle). If the attack is noticed spray quinalphos + mancozeb (@quinalphos 2ml + mancozeb 2g in one litre of water) |
| Cucurbit Vegetables | Planting | Downy mildew | 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. |
| Cucurbitaceous Vegetables | Flowering and fruit setting | Melon fruit flies | Keep pheromone traps. 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 |
| Tomato | Growing stage | Wilt | If disease is seen, spray Redmil® (2g/litre) or Akomin® (2ml/litre). |
| Brinjal | Flowering and fruit setting | Shoot and Fruit borer | Remove and destroy affected fruits and shoots. Spray chlorantraniliprole (coragen 3ml per 10 l of water) 2-3 times at weekly interval. |

| Chilli | Growth phase | Late spot | Spray Mancozeb or Saaf (2g/litre of water) or Potassium phosphonate (2ml/litre of water) |
|------------------------|--------------|------------------------------|--|
| Ginger and Turmeric | All stages | Rhizome rot | Drain the field. Drench the field with 1% Bordeaux mixture. |
| Cow | Any stage | FMD (Foot and Mouth disease) | 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. |

Sd/-Nodal Officer, GKMS Project, RARS Pilicode

** Warning colour codes of rainfall (for disaster management)

| Warning (Take actions) Alert (Be prepared) Watch (Be updated) No warning (No actions) | Warning (Take actions) | Alert (Be prepared) | Watch (Be updated) | No warning (No actions) |
|--|------------------------|---------------------|--------------------|-------------------------|
|--|------------------------|---------------------|--------------------|-------------------------|