

Agromet Advisory Bulletin for the District, Kannur

(Valid from 14.07.2021 to 18.07.2021)

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

Bulletin Number: Pilicode/Knr-56/021

Date: 13/07/2021


A. Weather Summary of preceding four days






| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 214.7 | 27.2 – 33.6 | 22.8– 24.4 | 84- 98 | 00 - 06 |


B. Weather forecast for next five days

| Parameters | 14-07-2021 | 15-07-2021 | 16-07-2021 | 17-07-2021 | 18-07-2021 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall, mm | 25 | 20 | 35 | 40 | 10 |
| Max. Temp, °C | 29 | 28 | 28 | 28 | 30 |
| Min. Temp, °C | 23 | 22 | 22 | 22 | 25 |
| Max. Relative Humidity, % | 98 | 98 | 98 | 98 | 98 |
| Min. Relative Humidity, % | 82 | 82 | 82 | 82 | 82 |
| Wind speed, km/h | 8 | 16 | 4 | 10 | 12 |
| Wind direction, degrees | 320 | 290 | 270 | 320 | 320 |
| Total cloud cover, octa | 8 | 8 | 8 | 8 | 8 |

C. Agrometeorological Advisories

| Crop | Stages | Problems | Agro-meteorological advisories |
|--------------------|------------|---|--|
| | | <p>Moderate to Isolated Heavy Rainfalls are Very Likely in the district on next five days</p> <p>Provide good drainage in the cultivated lands. Provide popping to the slender stemmed crops like banana, vegetables etc. Keep animal feeds, rubber, and copra like products in moisture free rooms at elevated platforms. Otherwise they may get contaminated with fungal mycelia and spores.</p> | |
| General conditions | | | |
| Rice | All stages | <p>Blue beetle</p>  | If attack is seen, apply quinalphos (@ 2ml per litre of water) |

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| Rice | All stages | <p>Sheath blight</p>  | <p>Prophylactic spray of <i>Pseudomonas fluorescens</i> (@ 20g/l) is recommended.</p> <p>If disease appeared spray hexaconazole (@2ml/litre of water)</p> |
| | All stages | <p>Borwn spot disease</p>  | |
| Black pepper | Seedlings | <p>Pollu disease</p>  | <p>Spray potassium phosphonate (@ 2mlper litre of water</p> |
| Banana | Bearing stage | <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> |
| | Various stages of growth | <p>Rhizome rot</p>  | <p>Ensure good drainage in the garden</p> <p>Drench with Copper-oxy-chloride (@20g/10L) at the basin of the plant).</p> |

| | | | |
|---------|----------------------|---|---|
| Tapioca | 1 to 2 months age | <p>Mosaic disease</p>  | <p>Deterioration of the health of plant and yield loss can be checked with adopting the following measures.</p> <p>Apply dolomite in the basin of the plants (@100g/plant) and incorporate to the soil. After three weeks, apply 25g Factamfos + 10g potash per plant. Also apply one gram zinc sulfate per plant. After 6 weeks apply 10g potash once more.</p> <p>Do not collect setts from these plants for planting during next time.</p> |
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Sd/-
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