



## Agromet Advisory Bulletin for the District, Kannur

(Valid from 14.11.2020 to 18.11.2020)

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



**Bulletin Number: Pilicode/Knr-91/2020**

**Date: 13/11/2020**

### A. Weather Summary of preceding four days

| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 78.0         | 34.4 – 36.6    | 21.8-26.1      | 51–78    | 00 -10           |

### B. Weather forecast for next five days

| Parameters                | 14.11.2020 | 15.11.2020 | 16.11.2020 | 17.11.2020 | 18.11.2020 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall, mm              | 8          | 0          | 0          | 10         | 5          |
| Max. Temp, °C             | 35         | 35         | 35         | 35         | 35         |
| Min. Temp, °C             | 25         | 25         | 25         | 25         | 25         |
| Max. Relative Humidity, % | 95         | 95         | 95         | 95         | 95         |
| Min. Relative Humidity, % | 55         | 55         | 55         | 55         | 55         |
| Wind speed, km/h          | 4          | 3          | 3          | 2          | 4          |
| Wind direction, degrees   | 360        | 270        | 230        | 180        | 270        |
| Total cloud cover, octa   | 8          | 3          | 3          | 8          | 7          |

### C. Agrometeorological Advisories

| Crop                      | Stages     | Problems  | Agro-meteorological advisories  |
|---------------------------|------------|---|---|
| <b>General conditions</b> |            | <p><b>Few chances for rainfall to occur.</b></p> <p><b>Mulch the soil to prevent water loss from the soil.</b></p> <p><b>Start all possible drought mitigation measures in the plantations.</b></p> |   |
| Rice                      | All stages | <p>Case worm</p>   | <p>Destroy the dislodged larvae, after pulling a rope swabbed with kerosene or engine oil. Drain away the water from the fields. Broadcast the mixture containing 1L of kerosene in 25 kg of saw dust or sand in the field.</p> |

|         |                     |  |  |
|---------|---------------------|--|--|
| Coconut | All stages          | Drought Management   | <ol style="list-style-type: none"> <li>1) Cut two green leaves from the bottom layer, to reduce the water loss from the tree.</li> <li>2) Apply coir pith/coir pith compost in the basins to increase water holding capacity</li> <li>3) Mulch the basins with dried leaves</li> <li>4) Adopt drip irrigation. This will minimize the irrigation water loss.</li> </ol> <p>Protect the newly planted young seedlings from direct sunlight falling on it by providing good shades.</p>                  |
| Coconut | All stages          | <p>Stem bleeding</p>            | <p>Chisel out the affected parts and apply Bordeaux paste.</p> <p>Drench the palm basin (2m radius) with 40 litres of 1% Bordeaux mixture.</p> <p>After one month, apply 5 kg Trichoderma enriched neem cake and 500g of Ayar® (micro nutrient mixture)</p>  |
| Coconut | All stages          | <p>Red palm weevil</p>         | <p>The palms can be saved only if the attack is diagnosed at an early stage. Hence more frequently inspect the palms. The attack can be diagnosed by the presence of yellowing of upper and middle whorls of leaves and holes at the jointing region of leaf petioles to the trunk. Insect excrement, pupal cases etc. may also be seen in the crown or basins of the palms.</p> <p>Control: Prepare Imidachlorprid solution (@ 1ml/litre of water) and fill in the holes. Adopt field sanitation.</p> |
| Okra    | All stages          | <p>Shoot and Fruit borer</p>  | <p>Spray Coragen (3 ml in 10 litres of water) 2-3 times at weekly interval.</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>  |