



# Agromet Advisory Bulletin for the District, Kasaragod

(Valid from 25.12.2020 to 29.12.2020)

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



|                                               |                         |
|-----------------------------------------------|-------------------------|
| <b>Bulletin Number: Pilicode/Ksd-103/2020</b> | <b>Date: 24/12/2020</b> |
|-----------------------------------------------|-------------------------|


## A. Weather Summary of preceding three days







| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 0.0          | 29.0 – 30.0    | 20.0 – 23.5    | 88– 92   | 01-02            |

## B. Weather forecast for next five days

| Parameters                | 25.12.2020 | 26.12.2020 | 27.12.2020 | 28.12.2020 | 29.12.2020 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall, mm              | 0.5        | 0.2        | 0          | 0          | 0          |
| Max. Temp, °C             | 32         | 32         | 32         | 32         | 32         |
| Min. Temp, °C             | 23         | 23         | 23         | 23         | 23         |
| Max. Relative Humidity, % | 86         | 86         | 86         | 86         | 86         |
| Min. Relative Humidity, % | 67         | 67         | 67         | 67         | 67         |
| Wind speed, km/h          | 10         | 14         | 12         | 10         | 14         |
| Wind direction, degrees   | 290        | 230        | 230        | 250        | 230        |
| Total cloud cover, octa   | 5          | 6          | 1          | 1          | 1          |

## C. Agrometeorological Advisories

| Crop                      | Stages     | Problems                                                                                                                                                                                                                                                               | Agro-meteorological advisories                                                                                                                                                               |
|---------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General conditions</b> |            | <p style="background-color: #008000; color: white; padding: 2px;"><b>Isolated rainfalls and strong wind may occur.</b></p> <p><b>Prop bananas and vegetables</b></p> <p><b>Copra and Rubber, Arecanut etc should not be left in the drying yards during night.</b></p> |                                                                                                                                                                                              |
| Bitter gourd              | All stages | Fruit fly<br>                                                                                                                                                                       | Setting up of pheromone trap(Cue lure @1/15 cent)<br><br>Spot application of 10 % jaggery containing 0.1 % malathion@1 spot/40 m <sup>2</sup> on underside of leaves at fortnight intervals. |

|           |                      |                                                                                                              |                                                                                                                                                                                                                                                                                |
|-----------|----------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chilli    | Active growing stage | <b>Thrips and Mites</b><br> | Spray 'spiromesifen' (@1ml in litre of water)                                                                                                                                                                                                                                  |
| Cabbage   | All stages           | <b>Black rot</b><br>        | Spray Streptocyclin 300ppm.<br>Spray Pseudomonas 2% solution weekly once after head initiation.                                                                                                                                                                                |
| Chilli    | All stages           | <b>White fly</b><br>        | Spray Thiamethoxam @ 2gm/10litre of water.                                                                                                                                                                                                                                     |
| Cowpea    | Growing stage        | <b>Wilt</b><br>           | Spray Contaf (@ 2ml/litre)                                                                                                                                                                                                                                                     |
| Cucurbits | All stages           | <b>Downy mildew</b><br>   | 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.or spraying of pyraclostrobin @.5gm/L.                                                                    |
| Pumpkin   | All stages           | <b>Pumpkin beetle</b><br> | Apply malathion 50 EC @ 3 ml / litre of water or malathion 50 EC @ 2 ml + neem oil 4ml per litre of water.<br><br>After irrigation, drench the soil with malathion 50 EC @ 3 ml / litre of water. After the application of insecticide, with hold irrigation on next two days. |