



# आजदी का अमृत महोत्सव

## Agromet Advisory Bulletin for the District, Kasaragod

(Valid from 13.11.2021 to 17.11.2021)

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



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### A. Weather Summary of preceding five days



| Rainfall, mm | Max. temp., °C | Min. temp., °C | R. H., % | Wind speed, Km/h |
|--------------|----------------|----------------|----------|------------------|
| 0.0          | 30.0 – 30.5    | 23.0 – 24.5    | 73 – 96  | 00 – 05          |

### B. Weather forecast for next five days

| Parameters                | 13-11-2021 | 14-11-2021 | 15-11-2021 | 16-11-2021 | 17-11-2021 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall, mm              | 40         | 40         | 40         | 40         | 20         |
| Max. Temp, °C             | 31         | 31         | 31         | 31         | 31         |
| Min. Temp, °C             | 24         | 24         | 24         | 24         | 24         |
| Max. Relative Humidity, % | 93         | 93         | 93         | 93         | 93         |
| Min. Relative Humidity, % | 72         | 72         | 72         | 72         | 72         |
| Wind speed, km/h          | 10         | 6          | 6          | 4          | 8          |
| Wind direction, degrees   | 320        | 250        | 230        | 200        | 230        |
| Total cloud cover, octa   | 8          | 8          | 8          | 8          | 8          |

### C. Agrometeorological Advisories

| Crop               | Stages | Problems | Agro-meteorological advisories   |
|--------------------|--------|----------|--|
|                    |        |          | Isolated heavy rainfalls are very likely to occur  |
|                    |        |          | Isolated heavy rainfalls (70-110 mm in 24 hours) are very likely to occur on next five days  |
|                    |        |          | The sky will be cloudy. Low night temperature and high day temperature will be experienced. Hence there will be large difference between day time temperature and night temperature. The atmospheric humidity also will be high. |
|                    |        |          | <b>As per extended range forecast, cumulative normal rainfall is likely in the next two weeks.</b>   |
| General conditions |        |          | Keep all the drainage channels in fields open.   |
|                    |        |          | Do not keep harvested produces like rice, rubber, copra, pulses, vegetables, seeds, etc. and fertilizers at open places.   |
|                    |        |          | Beware of heavy wind and lightning. Avoid working when there is lightning. Don't rest under the trees and in weak shelters.  |
|                    |        |          | Give strong propping to banana, vegetables and other soft stemmed crop plants.   |
|                    |        |          | Neither keep the livestock in open places, nor allow them for grazing. They should be sheltered under strong roofs. During non-rainy days, rake the soil in the basins of the crops for aerating the root zone.                  |

|                                     |   |  |   |
|-------------------------------------|---|--|---|
| Coconut/<br>Arecanut/Fruit<br>crops | Seedling<br>stages                          | <b>Provide strong bunds around the pits to prevent the entry of runoff water into the basins. Do not allow water stagnation in the basins.</b><br><b>If any water stagnation, drain/remove the water wherever possible and rake the basins periodically for aerating the roots</b> |   |
| Vegetables                          | Transplanting/<br>sowing                    | <b>Plant only on raised beds/ridges/mounds. Ensure moderately deep drainage channels in between lines of planting. Provide strong supports to crops like tomato and pandals of guards</b>  |   |
| Paddy (Second<br>crop:<br>Mundakan) | Maximum<br>tillering/Panicl<br>e initiation | <b>Postpone the application of fertilizers for few days. Drop bleaching powder filled small porcelain bags in the water channels; at the place of entry of water to the fields. This may prevent decaying of the culms.</b>  |   |
| Tapioca / root<br>crops             | Different<br>stages                         | <b>Harvest all the matured crops as quickly as possible, before the arrival of rain, and transport immediately to a safe places. During rain/lightning, never attempt for the harvest. Provide adequate drainage in the fields.</b>  |   |
| Black pepper                        | Different<br>stages                         | <b>Provide good drainage. Intermittently watch the basal portions to see basal rot if any. If basal rot/wilt appears drench Redomil® (@2g/l) on rain free day.</b>   |   |
| Cashew                              | Flushing stage                              | <p style="text-align: center;">Tea mosquito bug</p>    | <p>Prophylactic measures:</p> <p>1) The fungal biological control agent, <i>Beauveria bassiana</i> can be sprayed @ 20g/L</p> <p style="text-align: center;"><b>Or</b></p> <p>2) Spray quinalphos (2ml/litre) or Thiamethoxam (0.2g/L)</p>  |
| Cashew                              | Flushing<br>stage                           | <p style="text-align: center;">Root and stem borer</p>    | <p>Swabbing (above five years old trees only) with mud slurry and coal tar kerosene mixture at 1:2 proportion is recommended as a prophylactic measure. This combination can be externally applied on the stem to a height of 1.5m from the soil as well as on the exposed roots.</p> |

Sd/-  
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