



## Agromet Advisory Bulletin for the District, Kozhikode

(Valid from 15.07.2020 to 19.07.2020)

(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 |
|--------------|----------------|----------------|----------|------------------|
| 26.5         | 30.2 – 32.8    | 24.4– 24.6     | 73– 98   | 00 -04           |


### B. Weather forecast for next five days

| Parameters                | 15.07.2020 | 16.07.2020 | 17.07.2020 | 18.07.2020 | 19.07.2020 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall, mm              | 9          | 12         | 25         | 20         | 45         |
| Max. Temp, °C             | 30         | 30         | 30         | 30         | 30         |
| Min. Temp, °C             | 25         | 25         | 25         | 25         | 25         |
| Max. Relative Humidity, % | 96         | 96         | 96         | 96         | 96         |
| Min. Relative Humidity, % | 75         | 75         | 75         | 75         | 75         |
| Wind speed, km/h          | 12         | 8          | 10         | 8          | 10         |
| Wind direction, degrees   | 320        | 290        | 290        | 270        | 270        |
| Total cloud cover, octa   | 8          | 8          | 8          | 8          | 8          |

### C. Agrometeorological Advisories

| Crop               | Stages     | Problems                                                                                                                                                                                                                   | Agro-meteorological advisories                                                                                                                                                                                                                                                                                                                                   |
|--------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General conditions |            | <p style="background-color: yellow;">There will be rainfalls on coming days.</p> <p style="background-color: yellow;">Care should be taken to provide good drainage in the plantations. Adopt total field sanitations.</p> |                                                                                                                                                                                                                                                                                                                                                                  |
| Paddy              | All stages | <p>Bacterial leaf blight</p>                                                                                                            | <p>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). Place bags containing bleaching powder (2kg/acre) in the paddy field at the entry face of running water into the field</p> <p>If the infection is severe spray Streptocyclin 30g/200 L of water for 1acre.</p> |

|        |                                |                                                                                                                                           |                                                                                                                                                                                                              |
|--------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Paddy  | All stages                     | <p>Sheath blight</p>                                     | Prophylactic spray of <i>Pseudomonas fluorescens</i> (@ 20g/l) is recommended.                                                                                                                               |
|        |                                | <p>Stem borer</p>                                        | If stem borer attack is seen, apply Takumi <sup>®</sup> @3g per 10L of water.                                                                                                                                |
|        |                                | <p>Blue beetle</p>                                      | Keep the field in water drained condition.<br>After three days, apply kerosene emulsion (at the rate of 15 ml kerosene mixed with 1 L soap solution)                                                         |
| Banana | Various stages                 | <p>Pseudostem weevil</p>                               | Field sanitation. Remove the affected parts and burn it using kerosene. Apply fipronil 5%SC (@3 ml l <sup>-1</sup> ).<br>Apply Beauveria bassiana @ 20 g l <sup>-1</sup> at 5, 6 and 7 month after planting. |
|        | Various stages of growth       | <p>Rhizome rot</p>                                     | Ensure good drainage in the garden<br>Drench with Streptocyclin antibiotic (@2g/10L)<br>Or<br>Copperhydroxide (20g/10L) at the basin of the plant.                                                           |
| Cashew | Seedlings up to 3 years of age | <p>Tea mosquito bug - Anthracnose disease complex</p>  | Prepare solution of copper oxychloride (@3g/L). Dissolve quinalphos (@2ml/L) in to this solution and spray thoroughly on the plants.                                                                         |

|         |                   |                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------|-------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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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