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**Agromet Advisory Service Bulletin**

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**ERNAKULAM DISTRICT**

**AAS 27/2021, (53)Tuesday**

**29.06.2021**

**CURRENT SYNOPTIC SITUATION:** A trough runs from East central Arabian sea off North Maharashtra coast to south Kerala across Coastal Karnataka between 3.1 & 4.5 Km above mean sea level.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

| Weather parameters            | 30.06.2021 | 01.07.2021 | 02.07.2021 | 03.07.2021 | 04.07.2021 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)                 | 10         | 10         | 20         | 10         | 10         |
| Maximum temperature(°C )      | 31         | 32         | 32         | 32         | 32         |
| Minimum temperature (°C )     | 25         | 25         | 25         | 25         | 25         |
| Maximum Relative Humidity (%) | 95         | 95         | 95         | 95         | 95         |
| Minimum Relative Humidity (%) | 70         | 70         | 70         | 70         | 70         |
| Wind speed (kmph)             | 12         | 12         | 12         | 12         | 12         |
| Wind direction (deg)          | 270        | 270        | 320        | 320        | 320        |
| Total cloud cover (octa)      | 5          | 7          | 8          | 8          | 8          |

Moderate rainfall is forecasted in the district by IMD & KAU. Below normal rainfall is expected in Kerala.

**AGRO-METEOROLOGICAL ADVISORIES:**

| Crop  | Pest/ Disease       | Advisories  |
|---|---------------------|---|
| <b>General Advisories:</b> Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing. |                     |   |
| Paddy (virippu)   | Seedling stage      | 15 to 20 days after transplanting, to control the weeds, spray the weedicide Bispyribac sodium (Nominee gold/Adora/Taarak) 120 ml per Acre.   |
| Coconut   | Management          | During the beginning of southwest monsoon season, one-kilogram lime can be applied per matured palm by opening the coconut basin.   |
| Banana  | Sigatoka disease    | Ensure drainage facilities in low land banana plantations. As a prophylactic measure spray 1% Bordeaux mixture. If Sigatoka attack is seen, spray one milli liter hexaconazole or one milli liter propiconazole per one liter of water on both the surface of the leaf. |
| Cucurbitaceous Vegetables   | Downy mildew        | Due to high relative humidity, there is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.   |
| Vegetables (Cowpea & chilly)  | Anthracoese disease | During rainy season, there is a chance of Anthracnose disease in Cowpea and chilly. As a prophylactic measure, apply 1% Bordeaux mixture or spray pseudomonas 20 gm per liter.  |
| Animal Husbandry  |                     | Keep the cattle shed and premises clean to avoid mosquito breeding. Avoid water logging near the cattle shed. The cow dung pit can be covered to protect from rain water.   |