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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 25/2019(50), Friday**

**21.06.2019**

**SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:**

The total rainfall received 76.2 mm. The maximum temperature ranges from 31.0°C to 33.1°C, minimum temperature ranges from 22.0°C to 24.3°C. Morning relative humidity ranges from 90 % to 98% and afternoon relative humidity ranges from 67% to 77%. Wind speed ranges from 0.9 to 1.6 km/h. Bright sunshine hours range from 0.0 to 8.4 hours. Evaporation ranges from 1.6 to 3.2 mm.

**CURRENT SYNOPTIC SITUATION:**

The low pressure area over northeast Bay of Bengal and neighbourhood now lies over north Bay of Bengal and adjoining areas of Bangladesh and West Bengal. Associated cyclonic circulation extends upto 7.6 km above mean sea level tilting southwestwards with height.

An offshore trough at mean sea level from south Maharashtra coast to Kerala coast persists and is feeble.

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

| Weather parameters            | 22.06.2019 | 23.06.2019 | 24.06.2019 | 25.06.2019 | 26.06.2019 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)                 | 30         | 25         | 25         | 7          | 9          |
| Maximum temperature (°C )     | 31         | 31         | 31         | 31         | 31         |
| Minimum temperature (°C )     | 22         | 22         | 22         | 22         | 22         |
| Maximum Relative Humidity (%) | 95         | 95         | 95         | 95         | 95         |
| Minimum Relative Humidity (%) | 75         | 75         | 75         | 75         | 75         |
| Wind speed (kmph)             | 10.0       | 10.0       | 10.0       | 12.0       | 10.0       |
| Wind direction (deg)          | 270        | 270        | 270        | 270        | 270        |
| Total cloud cover (octa)      | 88         | 8          | 8          | 5          | 7          |

**Moderate rainfall is forecasted in the district by IMD & KAU.**

**AGRO-METEOROLOGICAL ADVISORIES:**

| Crop             | Pest/ Disease   | Advisories   |
|------------------|---|--|
| Paddy            | Land preparation to transplanting                                   | Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of <i>Pseudomonas</i> culture @10g/litre per kg of seeds. The above seed treatment can also be used to control sheath blight, sheath rot, leaf spot disease etc.                        |
| Vegetables       | Downy mildew  | There is a chance of downy mildew attack in vegetables due to the onset of south west monsoon. Application of 2g Curzate M-8 or Trichoderma 20g/litre under the leaves in 15 days interval is effective.   |
| Coconut          | Bud rot   | There is a chance of bud rot in rainy season. Keep three numbers each of perforated Mancozeb sachets (5 gm) around spindle leaves as a prophylactic measure against bud rot.   |
| Pepper           | Foot rot  | There is a chance of foot rot disease due to high relative humidity. Add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg Neemcake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper. |
| Animal Husbandry | Add disinfectant in the drinking water. (CAADECCS, KVASU, Mannuthy) |  |