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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 12/2019(24), Friday

22.03.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 30.8°C to 36.0°C, minimum temperature ranges from 22.4°C to 25.9°C. Morning relative humidity ranges from 63% to 89% and afternoon relative humidity ranges from 15% to 58%. Wind speed ranges from 2.4 to 3.9 km/h. Bright sunshine hours range from 6.3 to 10.1 hours. Evaporation ranges from 4.2 to 5.8 mm.

CURRENT SYNOPTIC SITUATION: Relatively dry air prevails over the region.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters | 23.03.2019 | 24.03.2019 | 25.03.2019 | 26.03.2019 | 27.03.2019 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Maximum temperature (°C) | 36 | 36 | 36 | 36 | 36 |
| Minimum temperature (°C) | 26 | 26 | 26 | 26 | 26 |
| Total cloud cover (octa) | 2 | 2 | 2 | 4 | 4 |
| Maximum Relative Humidity (%) | 80 | 80 | 80 | 80 | 80 |
| Minimum Relative Humidity (%) | 60 | 60 | 60 | 60 | 60 |
| Wind speed (kmph) | 12 | 12 | 10 | 12 | 12 |
| Wind direction (deg) | 250 | 230 | 270 | 250 | 270 |

No rainfall is forecasted for coming five days in the district by India Meteorological Department.

AGRO-METEOROLOGICAL ADVISORIES:

| Crop | Crop stage | Pest/ Disease | Advisories |
|--------------------------------|--|------------------|---|
| Banana | - | Sigatoka disease | During this special weather condition, there is a chance of Sigatoka disease in banana. As a precaution, Spray 20 g <i>Pseudomonas</i> per one litre of water. |
| Coconut | - | Management | Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture. The husk can be buried either in linear trenches taken 3 meter away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 meter from the trunk. The trenches may be of 0.5 meter width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5 to 7 years. Instead of husk, coir pith can be buried @ 25 kg/palm/year. |
| Vegetables (cowpea, ivy gourd) | Fruiting stage | Stunted growth | Due to the increase in atmospheric temperature, the attack of insects such as thrips, mite and white flies etc. are more. As a result of this, there is a chance of stunted growth in vegetables. They can be controlled by applying 10 gms of Verticillium in 1 litre of water or neem based insecticides can be applied. |
| Animal Husbandry | Provide concentrate feed at the early morning before milking and in the night after 7'o clock. (CAADECCS, KVASU, Mannuthy) | | |