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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 15/2020, (29) Tuesday

07.04.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 36.9°C to 39.9 °C, minimum temperature ranges from 23.8°C to 25.7°C. Morning relative humidity ranges from 83% to 87% and afternoon relative humidity ranges from 28% to 62%. Wind speed ranges from 2.2 to 4.1 km/h. Bright sunshine hours range from 7.5 to 10.3 hours. Evaporation ranges from 4.9 to 6.5 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over south Madhya Pradesh & adjoining Vidarbha extending upto 1.5 km above mean sea level. A trough/wind discontinuity extending upto 1.5 km above mean sea level runs from the above cyclonic circulation over south Madhya Pradesh & adjoining Vidarbha to Interior Tamilnadu across Interior Karnataka.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters | 08.04.2020 | 09.04.2020 | 10.04.2020 | 11.04.2020 | 12.04.2020 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 15 | 10 | 0 | 0 | 0 |
| Maximum temperature(°C) | 36 | 36 | 36 | 36 | 36 |
| Minimum temperature (°C) | 23 | 23 | 23 | 23 | 23 |
| Maximum Relative Humidity (%) | 85 | 85 | 85 | 85 | 85 |
| Minimum Relative Humidity (%) | 44 | 44 | 44 | 44 | 44 |
| Wind speed (kmph) | 10 | 8 | 6 | 6 | 8 |
| Wind direction (deg) | 270 | 290 | 160 | 290 | 250 |
| Total cloud cover (octa) | 8 | 8 | 7 | 7 | 6 |

As per the forecast of IMD & KAU, there is a chance of light rainfall in isolated places of the district for coming two days. Harvesting is recommended in matured paddy crop. Dried hay, copra, arecanut, etc should be protected from summer rain.

AGRO-METEOROLOGICAL ADVISORIES:

| Crop | Pest/ Disease | Advisories |
|--|----------------|---|
| General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases. | | |
| Coconut | Management | Since summer rainfall is prevailing, 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. |
| Banana | Rhizome Weevil | During this special weather condition, there is a chance of Rhizome Weevil attack in banana. As a precaution, apply neemcake @ 1 kg/plant at the time of planting. Cut and remove the outer layer of the rhizome and sundry for 3-4 days after smearing it with slurry of cow dung and ash. |
| Vegetables Chilly | White fly | There is a chance of white fly attack in chilli. Apply 2% neem oil garlic emulsion or spray 20g Lecanicillium lecanii per one litre of water in ten days intervals. |