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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 16/2021, (32)Friday

16.04.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 13.0 mm. The maximum temperature ranges from 33.0°C to 36.8°C, minimum temperature ranges from 21.6°C to 24.6°C. Morning relative humidity ranges from 78% to 90% and afternoon relative humidity ranges from 51% to 58%. Wind speed ranges from 1.3 to 2.6 km/h. Bright sunshine hours range from 1.2 to 8.4 hours. Evaporation ranges from 2.8 to 4.6 mm.

CURRENT SYNOPTIC SITUATION: Light to moderate north-westerlies prevails over Kerala in the lower tropospheric levels.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters | 17.04.2021 | 18.04.2021 | 19.04.2021 | 20.04.2021 | 21.04.2021 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 4 | 10 | 0 | 0 | 3 |
| Maximum temperature(°C) | 35 | 36 | 36 | 36 | 36 |
| Minimum temperature (°C) | 24 | 25 | 26 | 26 | 26 |
| Maximum Relative Humidity (%) | 86 | 86 | 86 | 86 | 86 |
| Minimum Relative Humidity (%) | 62 | 62 | 62 | 62 | 62 |
| Wind speed (kmph) | 10 | 10 | 10 | 8 | 8 |
| Wind direction (deg) | 230 | 250 | 230 | 270 | 270 |
| Total cloud cover (octa) | 7 | 8 | 7 | 6 | 7 |

Light rainfall is forecasted in isolated places of the district by IMD & KAU. Above normal rainfall is expected in Kerala.

AGRO-METEOROLOGICAL ADVISORIES:

| Crop | Pest/ Disease | Advisories |
|--|---|---|
| General Advisories: Precaution should be taken during drying of agricultural products and spraying of pesticides. | | |
| Rice | - | It is recommended to sow dhaincha seeds in the paddy field before virippu planting |
| 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. |
| Banana | Pseudo stem weevil | If infestation of pseudostem weevil is noticed, 50 gram neem cake powder can be applied in the leaf axils. If the attack was severe spray 2.5 ml of chlorpyrifos or 2 ml of quinalphos per one litre of water in leaf axils and boreholes (by inserting the nozzle of sprayer through the boreholes made by the larvae). |
| Brinjal, Chilly | White fly | There is a chance of white fly attack in brinjal and chilly. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals. |
| Animal Husbandry | Assure increased ventilation in the shed. | |