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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 06/2020, (12)Friday

07.02.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 34.3°C to 35.9°C, minimum temperature ranges from 21.9°C to 23.2°C. Morning relative humidity ranges from 73 % to 82% and afternoon relative humidity ranges from 37% to 46%. Wind speed ranges from 2.0 to 6.2 km/h. Bright sunshine hours range from 6.4 to 10.1 hours. Evaporation ranges from 3.6 to 7.0 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over south Kerala & neighbourhood at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters | 08.02.2020 | 09.02.2020 | 10.02.2020 | 11.02.2020 | 12.02.2020 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Maximum temperature(°C) | 35 | 35 | 35 | 35 | 35 |
| Minimum temperature (°C) | 24 | 24 | 24 | 24 | 24 |
| Maximum Relative Humidity (%) | 73 | 73 | 73 | 73 | 73 |
| Minimum Relative Humidity (%) | 40 | 40 | 40 | 40 | 40 |
| Wind speed (kmph) | 10 | 14 | 12 | 6 | 8 |
| Wind direction (deg) | 160 | 270 | 270 | 50 | 50 |
| Total cloud cover (octa) | 6 | 1 | 2 | 1 | 1 |

As per the forecast of IMD & KAU, due to no rainfall and prevailing dry weather conditions, irrigation of crops to be continued in the district.

AGRO-METEOROLOGICAL ADVISORIES:

| Crop | Pest/ Disease | Advisories |
|--|---------------|--|
| General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases. | | |
| Rice (Mundakan) Milky stage | Rice bug | There is a chance of appearance of rice bug in paddy. To control, spray 2 ml malathion per one litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination. |
| Chilli | 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. |
| Banana | - | Boron deficiency is seen more during dry weather. Spray one gram borax per one litre of water. |
| Animal Husbandry | | Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. If needed give medicine against worm infestation after dung examination.(CAADECCS, KVASU, Mannuthy) |