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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 07/2020, (13)Tuesday

11.02.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 33.5°C to 35.1°C, minimum temperature ranges from 20.0°C to 24.0°C. Morning relative humidity ranges from 69 % to 83% and afternoon relative humidity ranges from 39% to 45%. Wind speed ranges from 2.9 to 7.1 km/h. Bright sunshine hours range from 5.9 to 10.3 hours. Evaporation ranges from 4.2 to 7.0 mm.

CURRENT SYNOPTIC SITUATION: An upper air cyclonic circulation lies over coastal Karnataka & neighbourhood at 3.6 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	12.02.2020	13.02.2020	14.02.2020	15.02.2020	16.02.2020
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 (%)	69	69	69	69	69
Minimum Relative Humidity (%)	38	38	38	38	38
Wind speed (kmph)	12	12	6	8	8
Wind direction (deg)	50	50	50	290	270
Total cloud cover (octa)	1	2	2	4	2

As per the forecast of IMD & KAU, since there is no chance for rainfall, irrigation to the 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.
Banana	Pseudostem weevil	There is a chance of infestation of pseudostem weevil in Banana. Spray 2.5 ml of chlorpyrifos or 2 ml of quinalphos per one litre of water in leaf axils and by inserting the nozzle through the boreholes made by the larvae.
Chilli	Mite	There is a chance for the attack of mites in chilly. Apply Spiromesifen 8 ml/10 L 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)