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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 19/2019(37), Tuesday

07.05.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.3 mm. The maximum temperature ranges from 34.8°C to 35.7°C, minimum temperature ranges from 24.3°C to 25.9°C. Morning relative humidity ranges from 80 % to 94% and afternoon relative humidity ranges from 52% to 67%. Wind speed ranges from 1.5 to 2.4 km/h. Bright sunshine hours range from 3.2 to 9.4 hours. Evaporation ranges from 3.0 to 5.1 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation extending between 1.5 km and 2.1 km above mean sea level lies over south east Arabian Sea and adjoining Lakshadweep area. A trough extending upto 0.9 km above mean sea level runs from north Chhattisgarh to north interior Karnataka across east Vidarbha, Marathwada and Madhya Maharashtra.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	08.05.2019	09.05.2019	10.05.2019	11.05.2019	12.05.2019
Rainfall (mm)	3	0	0	0	0
Maximum temperature (°C)	36	35	35	35	35
Minimum temperature (°C)	27	26	26	26	26
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	6	10	10	10	10
Wind direction (deg)	290	290	290	290	290
Total cloud cover (octa)	8	6	6	5	6

Light rainfall is forecasted in isolated places of the district by IMD & KAU.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
Paddy	Rice bug	There is a chance of appearance of rice bug in paddy. To control them, 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.
Coconut	Rhinoceros beetle	After through cleaning of the crown region, apply cartap hydrochloride 4G @ 20 g mixed with fine sand 200 g to the inner most leaf axils surrounding the spindle leaf or a mixture of fipronil 0.3 G @ 20 g and fine sand @ 200 g to the inner most leaf axils. This application has to be repeated thrice a year. (January, May and September/ October) for better results.
Banana	Sigatoka disease	Propping can be followed to reduce the damage due to high wind speed. There is a chance of sigatoka disease in banana. As a precaution, Spray 20 g <i>Pseudomonas</i> per one litre of water.
Animal Husbandry		Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospyrosis. (CAADECCS, KVASU, Mannuthy)