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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 19/2019(38), Friday

10.05.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 5.0 mm. The maximum temperature ranges from 33.4°C to 35.7°C, minimum temperature ranges from 24.3°C to 26.7°C. Morning relative humidity ranges from 81 % to 98% and afternoon relative humidity ranges from 53% to 59%. Wind speed ranges from 2.0 to 2.7 km/h. Bright sunshine hours range from 2.3 to 9.4 hours. Evaporation ranges from 3.3 to 5.2 mm.

CURRENT SYNOPTIC SITUATION: A trough at 0.9 km above mean sea level runs from North interior Odisha to Comorin area across South Chhattisgarh, Telangana, Rayalaseema and interior Tamil Nadu.

Heavy Rainfall Warning: Heavy rainfall is most likely to occur at isolated places in Kerala on Day 3 to Day 5.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	11.05.2019	12.05.2019	13.05.2019	14.05.2019	15.05.2019
Rainfall (mm)	0	0	0	0	1
Maximum temperature (°C)	34	34	34	34	34
Minimum temperature (°C)	24	25	25	25	25
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	58	58	58	58	58
Wind speed (kmph)	10	10	10	10	10
Wind direction (deg)	290	270	270	270	270
Total cloud cover (octa)	3	5	7	7	8

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)