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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 22/2019(44), Friday

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SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 10.9 mm. The maximum temperature ranges from 34.2°C to 35.8°C, minimum temperature ranges from 20.7°C to 25.9°C. Morning relative humidity ranges from 83 % to 90% and afternoon relative humidity ranges from 53% to 68%. Wind speed ranges from 1.6 to 3.2 km/h. Bright sunshine hours range from 4.1 to 9.5 hours. Evaporation ranges from 3.0 to 4.6 mm.

CURRENT SYNOPTIC SITUATION: The northeast-southwest oriented shear zone lies from Gulf of Martaban to southern parts of Comorin-Maldives area between 3.1 and 4.5 km above mean sea level. A cyclonic circulation lies between 1.5 and 2.1 km above mean sea level over southeast Arabian Sea off Kerala Coast.

Heavy Rainfall Warning: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at isolated places in the districts of Kollam and Ernakulam till the morning of 1st June, 2019.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	01.06.2019	02.06.2019	03.06.2019	04.06.2019	05.06.2019
Rainfall (mm)	5	0	2	5	5
Maximum temperature (°C)	35	35	35	35	35
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	82	82	82	82	82
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	8	8	8	10	10
Wind direction (deg)	200	230	250	290	270
Total cloud cover (octa)	8	4	7	8	8

Moderate rainfall is forecasted in the district by IMD & KAU. Normal rainfall is expected in Kerala for coming days.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
Paddy	-	Land preparation for virippu paddy can be started.
Banana	Sigatoka disease	There is a chance of sigatoka disease in banana. As a precaution, Spray 20 g <i>Pseudomonas</i> per one litre of water.
Pepper	Foot rot	There is a chance of foot rot in pepper. Add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg Neemcake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper.
Nutmeg		As a prophylactic measure to prevent the fungal disease in nutmeg. Spray 20g pseudomonas in one litre of water or 1% bordeaux mixture.
Animal Husbandry		Seek advice to prevent ectoparasitic infestations. (CAADECCS, KVASU, Mannuthy)