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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 10/2020, (19)Tuesday

03.03.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 36.0°C to 37.7°C, minimum temperature ranges from 23.3°C to 25.2°C. Morning relative humidity ranges from 67 % to 92% and afternoon relative humidity ranges from 32% to 44%. Wind speed ranges from 3.3 to 5.5 km/h. Bright sunshine hours range from 8.9 to 10.1 hours. Evaporation ranges from 5.1 to 5.9 mm.

CURRENT SYNOPTIC SITUATION: A North-south trough runs from north interior Karnataka to north Kerala at 0.9 km above mean sea level. A cyclonic circulation lies over Lakshadweep area and neighbourhood at 3.1 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	04.03.2020	05.03.2020	06.03.2020	07.03.2020	08.03.2020
Rainfall (mm)	4	0	0	0	0
Maximum temperature(°C)	35	35	35	35	35
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	68	68	68	68	68
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	4	6	4	6	6
Wind direction (deg)	230	200	200	160	110
Total cloud cover (octa)	8	6	7	2	1

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice (Mundakan) Harvesting stage	-	Rice is in harvesting stage.
Banana	-	Apply lime @ 250g/plant to reduce the calcium deficiency in the soil.
Coconut	White fly	There is a chance of whitefly attack on coconut leaves during dry spell and they are controlled by beneficiary insects available in nature. If the whitefly attack is severe, spray 2% neem oil emulsion on the leaves.
	Sooty mould	There is a chance of sooty mould in coconut leaves during dry spell. Apply starch solution to control them.
Cucumber	Pumpkin Beetle	Sowing of cucumber can be done. Apply neem cake at the base for preventing pumpkin beetle.
Animal Husbandry		Deworming of animals should be done only after dung sample examination. In calves first dose of medicine should be given within 15 days of age. (CAADECCS, KVASU, Mannuthy)