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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 21/2020, (42) Friday**

**22.05.2020**

**SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:**

The total rainfall 49.2 mm. The maximum temperature ranges from 30.3°C to 36.6°C, minimum temperature ranges from 21.0°C to 25.8°C. Morning relative humidity ranges from 89% to 98% and afternoon relative humidity ranges from 65% to 82%. Wind speed ranges from 1.2 to 3.1 km/h. Bright sunshine hours range from 0.5 to 8.9 hours. Evaporation ranges from 1.5 to 4.7 mm.

**CURRENT SYNOPTIC SITUATION:** The Well-Marked Low Pressure Area over North Bangladesh & neighbourhood now lies as a Low pressure area over the same region. Associated cyclonic circulation extending upto 3.1 km above mean sea level. A cyclonic circulation lies over southeast Arabian Sea & neighbourhood between 3.1 km and 7.6 km above mean sea level.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	23.05.2020	24.05.2020	25.05.2020	26.05.2020	27.05.2020
Rainfall (mm)	2	3	2	2	8
Maximum temperature(°C )	33	33	33	33	33
Minimum temperature (°C )	25	25	25	25	25
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	6	10	12	10	10
Wind direction (deg)	230	290	290	270	290
Total cloud cover (octa)	7	7	7	7	7

**As per the forecast of IMD & KAU, there is a chance of light rainfall in isolated places of the district.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> As a precaution, use bio-pesticides to control the crop pests and diseases.		
Paddy	-	Land preparation for <i>Virippu</i> paddy can be started.
Banana	Pseudo stem weevil	There is a chance of pseudo stem weevil attack in banana. As a precaution, apply 50 g neem cake powder in leaf axils.
Pepper	Foot rot	As a prophylactic measure to manage foot rot in pepper, add 2 kg trichoderma to a mixture of 90 kg FYM and 10 kg neem cake 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	Leaf fall	As a precautionary measure to manage leaf fall in nutmeg, spray 1% bordeaux mixture.
Ginger/Turmeric	-	Prepare land for ginger and turmeric. To avoid foot rot in ginger, sock the suckers in 0.3% mancozeb/ pseudomonas solution for 30 minutes.
Vegetables	-	Addition of cow dung enriched with trichoderma to the soil at the time of planting of vegetables will help to reduce fungal diseases.
Animal Husbandry	Before the rainy season begins, keep the crib clean and tidy.	