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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 42/2019(83), Tuesday**

**15.10.2019**

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

The total rainfall received 83.1 mm. The maximum temperature ranges from 32.7°C to 34.2°C, minimum temperature ranges from 20.9°C to 22.3°C. Morning relative humidity ranges from 84 % to 95% and afternoon relative humidity ranges from 52% to 78%. Wind speed ranges from 0.6 to 2.2 km/h. Bright sunshine hours range from 1.5 to 9.5 hours. Evaporation ranges from 2.0 to 3.7 mm.

**CURRENT SYNOPTIC SITUATION: CURRENT SYNOPTIC SITUATION:** A trough at mean sea level runs from south Sri Lanka coast to Eastcentral Arabian Sea off North Kerala coast extending upto 1.5 km above mean sea level.

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

Weather parameters	16.10.2019	17.10.2019	18.10.2019	19.10.2019	20.10.2019
Rainfall (mm)	15	25	20	15	4
Maximum temperature(°C )	34	34	34	34	34
Minimum temperature (°C )	21	21	21	21	21
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	4	4	4	8	4
Wind direction (deg)	110	90	160	160	180
Total cloud cover (octa)	7	8	7	7	5

**According to the forecast of IMD & KAU, there is a chance for moderate rainfall in the coming days in the district.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.</b>		
Rice( <i>Virippu</i> ) Harvesting stage	-	First paddy crop ( <i>Virippu</i> ) is in Harvesting stage. Land preparation for second paddy ( <i>mundakan</i> ) crop can be started.
Banana	Sigatoka disease	Due to intermittent rainfall and sunshine, there is a chance of sigatoka disease in banana. As a precaution, spray pseudomonas 20g per one litre of water. In case of severe attack, spray 2 ml hexaconazole or 1 ml propiconazole per one litre of water by mixing it with a sticker and spray on both the surface of the leaf.
Ginger	Stem borer	There is a chance of stem borer in vegetables. Spary 20 g <i>Beauveria</i> per one litre of water to control stem borer.
Vegetables	Fruit fly	There is a chance of fruit fly in vegetables. Remove and destroy affected and decayed fruits. Use special pheromone traps like cuelure (6 nos/acre) for vegetable fruit fly. Thulasi/fruit traps can be used. If the attack is not reduced, spray mixture of malathion 2 ml per one litre of water + jaggery 10 g at flowering and fruit initiation.
Animal Husbandry		Animal should not be allowed graze in open grazing lands to avoid lightening risk. (CAADECCS, KVASU Mannuthy)