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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 43/2019(85), Tuesday**

**22.10.2019**

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

The total rainfall received 179.6 mm. The maximum temperature ranges from 31.6°C to 35.0°C, minimum temperature ranges from 20.7°C to 22.0°C. Morning relative humidity ranges from 84 % to 97% and afternoon relative humidity ranges from 56% to 85%. Wind speed ranges from 1.0 to 3.0 km/h. Bright sunshine hours range from 4.4 to 9.6 hours. Evaporation ranges from 2.1 to 3.2 mm.

**CURRENT SYNOPTIC SITUATION: CURRENT SYNOPTIC SITUATION:** A low pressure area lies over central parts of Arabian sea with associated cyclonic circulation extending upto 4.5 km above mean sea level. under the influence of cyclonic circulation over southwest Bay of Bengal off Tamilnadu coast ,a low pressure area has formed over southwest & adjoining west central Bay of Bengal off north Tamil Nadu –south Andhra Pradesh coast with associated cyclonic circulation extending upto 4.5 km above mean sea level and now lies over west central Bay of Bengal and adjoining south west Bay of Bengal with associated cyclonic circulation extending upto 5.8 km above mean sea level tilting southwestwards with height.

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

Weather parameters	23.10.2019	24.10.2019	25.10.2019	26.10.2019	27.10.2019
Rainfall (mm)	20	15	4	10	10
Maximum temperature(°C )	30	30	30	30	30
Minimum temperature (°C )	23	23	23	23	23
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	4	4	2	8	6
Wind direction (deg)	290	20	340	180	160
Total cloud cover (octa)	8	7	5	6	6

**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:</b> As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice (Mundakan) Transplanting stage	Leaf folder	Since cloudy weather is prevailed, there is a chance of leaf folder in paddy. As a prophylactic measure, apply 2CC Trichogramma chilonis card per acre to control leaf folder in paddy. Cut the cards in to small pieces and fix in different parts of the field in plastic cups.
Banana	Sigatoka disease	Due to continous rainfall, 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 ginger. Spary 20 g <i>Beauveria</i> per one litre of water to control stem borer.
Cucurbiatacious Vegetables	Downy mildew disease	There is a chance of downy mildew attack in vegetables due to rainy season. Application of 20g Trichoderma or 2g curzate M-8 per litre under the leaves in 15 days interval is effective to control downy mildew disease.
Animal Husbandry		Animal should not be allowed to graze in open grazing lands to avoid lightening risk. (CAADECCS, KVASU Mannuthy)