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**Agromet Advisory Service Bulletin**

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



**THRISSUR DISTRICT**

**AAS 41/2019(82), Friday**

**11.10.2019**

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

The total rainfall received 14.3 mm. The maximum temperature ranges from 33.2°C to 34.4°C, minimum temperature ranges from 21.5°C to 22.4°C. Morning relative humidity ranges from 87 % to 95% and afternoon relative humidity ranges from 63% to 78%. Wind speed ranges from 0.6 to 1.4 km/h. Bright sunshine hours range from 5.0 to 9.5 hours. Evaporation ranges from 2.1 to 3.7 mm.

**CURRENT SYNOPTIC SITUATION:** A cyclonic circulation lies over Maharashtra coast & neighbourhood between 1.5 & 4.5 km above mean sea level. A trough runs from Lakshadweep area to coastal Andhra Pradesh across interior Karnataka and Rayalseema at 0.9 km above mean sea level.

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

Weather parameters	12.10.2019	13.10.2019	14.10.2019	15.10.2019	16.10.2019
Rainfall (mm)	15	9	10	8	4
Maximum temperature(°C )	33	33	33	33	33
Minimum temperature (°C )	21	21	21	21	21
Maximum Relative Humidity (%)	93	93	93	93	93
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	0	4	4	2	0
Wind direction (deg)	0	230	200	200	0
Total cloud cover (octa)	8	7	7	6	5

**Light rainfall is forecasted in the district by IMD & KAU.**

**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	Rhizome maggot	Due to intermittent rainfall and sunshine, there is a chance of attack of rhizome maggot in ginger. Proper drainage should be ensured in the field. Also, drench the field with 2.5 ml chlorpyrifos per one litre of water to control this pest.
Vegetables	Powdery mildew	During winter season, there is a chance of powdery mildew in vegetables. As a precaution, spray 20g pseudomonas per one litre of water.
Animal Husbandry		<ul style="list-style-type: none"> <li>• Ensure the availability of green fodder to the animal daily.</li> <li>• Provide mineral and vitamin mixture in prescribed quantity daily.</li> </ul> (CAADECCS, KVASU Mannuthy)