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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 40/2019(79), Tuesday**

**01.10.2019**

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

The total rainfall received 22.6 mm. The maximum temperature ranges from 30.2°C to 34.5°C, minimum temperature ranges from 20.7°C to 22.5°C. Morning relative humidity ranges from 88 % to 97% and afternoon relative humidity ranges from 53% to 88%. Wind speed ranges from 0.7 to 2.4 km/h. Bright sunshine hours range from 0.0 to 8.9hours. Evaporation ranges from 1.2 to 3.8mm.

**CURRENT SYNOPTIC SITUATION:** The Depression over southeast Rajasthan & neighbourhood has weakened into a well marked low pressure area over the same region with associated cyclonic circulation extending upto 2.1 km above mean sea level. A cyclonic circulation lies over Lakshadweep-Maldives area extending upto 4.5 km above mean sea level. A cyclonic circulation lies over Interior Karnataka & adjoining Telangana extending upto 0.9 km above mean sea level.

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

Weather parameters	02.10.2019	03.10.2019	04.10.2019	05.10.2019	06.10.2019
Rainfall (mm)	5	10	11	15	10
Maximum temperature(°C )	32	32	32	32	32
Minimum temperature (°C )	21	21	21	21	21
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	6	4	4	6	4
Wind direction (deg)	230	230	230	250	200
Total cloud cover (octa)	5	6	6	8	6

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

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories: Prophylactic measures can be taken to control crop pest &amp; diseases to avoid their spread.</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.
Coconut	Bud rot disease	There is a chance of bud rot in rainy season. Keep three numbers each of perforated Mancozeb sachets (5 gm per packet) around spindle leaves as a prophylactic measure against bud rot.
Nutmeg	Fruit rot & leaf fall	During rainy season, there is a chance of Fruit rot and leaf fall in Nutmeg. As a prophylactic measure, apply <i>Trichoderma</i> mixture. Add 2 kg <i>Trichoderma</i> to a mixture of 90 kg FYM and 10 kg Neemcake and kept for two weeks with sufficient moisture. Basal application of 2.5 kg of this mixture will be followed by foliar spray with pseudomonas (20g/litre) or 1% Bordeaux mixture. Lime can be applied to reduce soil acidity.
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.
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. (CAADECCS, KVASU Mannuthy)</li> </ul>