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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 47/2020,(93) Tuesday**

**17.11.2020**

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

The total rainfall received 0.0 mm. The maximum temperature ranges from 32.2°C to 34.4°C, minimum temperature ranges from 20.0°C to 24.0°C. Morning relative humidity ranges from 63% to 88% and afternoon relative humidity ranges from 42% to 69%. Wind speed ranges from 3.0 to 8.6 km/h. Bright sunshine hours range from 2.6 to 10.0 hours. Evaporation ranges from 3.4 to 5.2 mm.

**CURRENT SYNOPTIC SITUATION:**A cyclonic circulation lies over Maldives area & neighbourhood extending upto 0.9 km above mean sea level.A trough in easterlies runs from the above cyclonic circulation over Maldives area to Southeast Arabian Sea extending upto 0.9 km above mean sea level.The trough in easterlies from Comorin area to north Coastal Tamilnadu extending upto 1.5 km above mean sea level has moved westwards and merged with the trough in easterlies from Maldives area to Southeast Arabian Sea.

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

Weather parameters	18.11.2020	19.11.2020	20.11.2020	21.11.2020	22.11.2020
Rainfall (mm)	15	20	20	15	1
Maximum temperature(°C )	32	32	32	32	33
Minimum temperature (°C )	23	23	23	23	24
Maximum Relative Humidity (%)	88	88	88	88	88
Minimum Relative Humidity (%)	69	69	69	69	69
Wind speed (kmph)	10	8	2	12	18
Wind direction (deg)	230	230	50	50	50
Total cloud cover (octa)	8	8	8	8	3

As per the forecast of IMD & KAU, there is a chance of moderate rainfall with thunder in the district.

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> Since moderate rainfall is expected, precaution should be taken during drying of agricultural products and spraying of pesticides.		
Rice (Mundakan) Tillering stage	Bacterial Leaf blight	To control the spread of Bacterial Leaf blight in paddy, spray 6 g of Streptocycline in 30 litre of water.
	Iron toxicity	If there is toxicity of iron in the rice field, apply 150 kg lime per acre.
Banana	Spodoptera	There is a chance of attack of spodoptera in banana. Destroy the affected leaves along with the spodoptera.
Turmeric	Leaf Blotch	1 % Bordeaux mixture can be sprayed. Otherwise spray 2.5 g mancozeb or 1g carbendazim or 2.5 g copper oxychloride (Blitox or Blue copper) or 2ml hexaconazole (Contaf) or 0.75 ml difenconazole (Score) dissolved in one litre of water. Spraying can be continued at fortnightly intervals depending upon the intensity of the disease.
Vegetables (cowpea)	Fruit borer	To control fruit borer in cowpea, apply 5% Neem Kernel Suspension to control fruit borer in the initial stage. Spray Flubendamide 2 ml per10 litre of water or Chlorantraniliprole 3 ml per10 litre if the attack is severe.
Animal Husbandry	Animal should not be allowed to graze in open grazing lands to avoid lightening risk. Vaccinate animals against foot & mouth disease and haemorrhagic septicaemia	