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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 01/2021, (2) Friday**

**01.01.2021**

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

The total rainfall received 0.0 mm. The maximum temperature ranges from 29.9°C to 33.9°C, minimum temperature ranges from 19.0°C to 24.6°C. Morning relative humidity ranges from 63% to 80% and afternoon relative humidity ranges from 39% to 78%. Wind speed ranges from 4.2 to 10.2 km/h. Bright sunshine hours range from 0.5 to 9.8 hours. Evaporation ranges from 2.6 to 6.3 mm.

**CURRENT SYNOPTIC SITUATION:** Light to moderate easterlies/Northeasterlies prevails over Kerala in the lower tropospheric levels.

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

Weather parameters	02.01.2021	03.01.2021	04.01.2021	05.01.2021	06.01.2021
Rainfall (mm)	0	0	4	0	4
Maximum temperature(°C )	32	32	32	32	32
Minimum temperature (°C )	25	25	25	25	25
Maximum Relative Humidity (%)	86	86	86	86	86
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	18	16	6	8	8
Wind direction (deg)	50	50	70	70	70
Total cloud cover (octa)	2	5	7	5	8

**As per the forecast of IMD & KAU, there is a chance of light rainfall in isolated places of the district.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> Since light rainfall is forecasted, Precaution should be taken during drying of agricultural products and spraying of pesticides.		
Rice (Mundakan) Milky stage	Bacterial Leaf blight	As a prophylactic measure, spray 20 gram Pseudomonas in one litre of water. To control the spread of Bacterial Leaf blight in paddy, spray 6 g of Streptocycline in 30 litre of water.
	Sheath Blight	To control sheath blight disease in rice, spray 4 gram Trifloxystrobin +Tebuconazole in ten litre of water.
Banana	Calcium Boron deficiency	Apply lime @ 250g/plant to rectify the calcium deficiency in the soil.
		Boron deficiency is seen during dry weather. Hence, spray 5 grams of sampoorna in one litre of water.
Chilli	White fly	There is a chance of white fly attack in chilli. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.
	Thrips	There is a chance of thrips attack in chilli. Apply 2% neem oil garlic emulsion or spray 2 g Thiamethoxam per ten litres of water.
Animal Husbandry	Assure increased ventilation in the cattle shed.	