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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

AAS 26/2021, (52)Friday

25.06.2021

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

The total rainfall received 68.4 mm. The maximum temperature ranges from 30.4°C to 32.2°C, minimum temperature ranges from 22.2°C to 24.2°C. Morning relative humidity ranges from 90% to 98% and afternoon relative humidity ranges from 64% to 78%. Wind speed ranges from 1.2 to 2.0 km/h. Bright sunshine hours range from 0.5 to 8.1 hours. Evaporation ranges from 2.4 to 3.5 mm.

**CURRENT SYNOPTIC SITUATION:** Light to moderate westerlies /south westerlies prevails over Kerala & Lakshadweep region in the lower tropospheric level.

**HEAVY RAINFALL WARNING:** Day 4: Heavy (7- 11 cm in 24 hours) rainfall is very likely to occur at isolated places in the districts of Alappuzha, Kottayam, Idukki, Ernakulam, Thrissur and Kasaragod.

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

Weather parameters	26.06.2021	27.06.2021	28.06.2021	29.06.2021	30.06.2021
Rainfall (mm)	2	4	7	8	12
Maximum temperature(°C )	32	32	32	32	32
Minimum temperature (°C )	24	24	24	24	24
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	4	4	3	4	4
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	4	4	5	5	4

Moderate rainfall is forecasted in isolated places of the district by IMD & KAU. Below normal rainfall is expected in Kerala.

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing.		
Paddy (virippu)	Sowing to transplanting	Transplant seedlings at 4 to5 leaf stage At the time of soaking seeds, the seeds are soaked in pseudomonas @10 g per one kg of seed. At the time of transplanting, roots of seedlings can be dipped in pseudomonas solution prepared @ 20 gram per one litter of water to control sheath blight, sheath rot, leaf spot disease etc. in future.
Coconut	Bud rot	During rainy season, there is a chance of bud rot disease in coconut. As a prophylactic measure, 1% Bordeaux mixture can be sprayed on coconut crown.
Banana	Rhizome rot	Due to the increase in rainfall, there is a chance of Rhizome rot in banana. As a precaution, pour 5 litre of pseudomonas solution (20 gm per 1litre) at the basin.
Nutmeg	Leaf fall	There is a chance of leaf fall in nutmeg during monsoon season. As a prophylactic measure, spray 1% Bordeaux mixtures.
Ginger and Turmeric	Rhizome rot	During rainy season, there is a chance of rhizome rots in ginger and turmeric, spray 20 gram Pseudomonas in one liter of water and drench the basin.
Vegetables (Cowpea)	Anthraco nose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray pseudomonas 20 gm per litre
Animal Husbandry		Since there is a chance of mixing of contaminated water in water resources, apply disinfectants available in the market as per manufacturer's instructions.