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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 26/2021, (51)Tuesday

22.06.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 164.8 mm. The maximum temperature ranges from 25.7°C to 31.3°C, minimum temperature ranges from 23.0°C to 23.8°C. Morning relative humidity ranges from 90% to 98% and afternoon relative humidity ranges from 66% to 81%. Wind speed ranges from 0.4 to 2.4 km/h. Bright sunshine hours range from 0.0 to 95.7 hours. Evaporation ranges from 1.0 to 3.1 mm.

CURRENT SYNOPTIC SITUATION: An offshore trough at mean sea level runs from Karnataka coast to Kerala coast.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	23.06.2021	24.06.2021	25.06.2021	26.06.2021	27.06.2021
Rainfall (mm)	40	10	10	10	8
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)	6	7	5	7	7
Wind direction (deg)	140	140	140	140	140
Total cloud cover (octa)	8	8	8	8	8

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: 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 to 5 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 liter 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 1 litre) 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.