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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 25/2021, (50)Friday

18.06.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 228.4 mm. The maximum temperature ranges from 25.7°C to 32.0°C, minimum temperature ranges from 21.0°C to 23.9°C. Morning relative humidity ranges from 93% to 98% and afternoon relative humidity ranges from 65% to 98%. Wind speed ranges from 0.4 to 5.0 km/h. Bright sunshine hours range from 0.0 to 6.5 hours. Evaporation ranges from 1.0 to 2.9 mm.

CURRENT SYNOPTIC SITUATION: An off shore trough at mean sea level runs from south Maharashtra coast to Kerala coast

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	19.06.2021	20.06.2021	21.06.2021	22.06.2021	23.06.2021
Rainfall (mm)	10	8	8	10	8
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	24	23	23	23	23
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	78	78	78	78	78
Wind speed (kmph)	8	8	10	12	8
Wind direction (deg)	250	250	290	290	270
Total cloud cover (octa)	8	8	7	8	7

According to the IMD and KAU, there is a chance of decrease in the intensity of rainfall for coming days in the district. 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.
Banana	Sigatoka disease	Ensure drainage facilities in low land banana plantations. As a prophylactic measure spray 1% Bordeaux mixture. If Sigatoka attack is seen, spray one ml hexaconazole or one ml propiconazole per one liter of water on both the surface of the leaf.
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	Downy mildew	There is a chance of downy mildew attack in vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.
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.	