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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 28/2021, (56)Friday

09.07.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 31.8 mm. The maximum temperature ranges from 29.2C to 32.8°C, minimum temperature ranges from 23.6°C to 25.4°C. Morning relative humidity ranges from 90% to 98% and afternoon relative humidity ranges from 56% to 77%. Wind speed ranges from 0.4 to 1.7 km/h. Bright sunshine hours range from 1.0 to 7.5 hours. Evaporation ranges from 1.8 to 3.4 mm.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	10.07.2021	11.07.2021	12.07.2021	13.07.2021	14.07.2021
Rainfall (mm)	40	40	20	20	40
Maximum temperature(°C)	32	31	31	31	32
Minimum temperature (°C)	25	24	24	24	23
Maximum Relative Humidity (%)	94	94	94	94	94
Minimum Relative Humidity (%)	74	74	74	74	74
Wind speed (kmph)	8	10	8	10	10
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	8	8	8	8	8

Moderate rainfall is forecasted in the district by IMD & KAU. Above 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) Tillering stage	Bacterial Leaf blight	To control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas in one litre of water.
Coconut	Management	25 to 50 kilogram of organic manure can be applied per one matured palm during rainy season by opening the coconut basin.
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 milli litre hexaconazole or one milli litre propiconazole per one liter of water on both the surface of the leaf.
	Rhizome rot	Due to the increase in rainfall, there is a chance of Rhizome rot in banana. As a precaution, drench the basin with three litre of pseudomonas solution (20g per one liter of water).
Nutmeg	Leaf fall	As a precautionary measure to manage leaf fall during rainy season, spray 1% bordeaux mixture.
Ginger and Turmeric	Soft rot	During rainy season, apply mixture of 15 gram bleaching powder and 250 gram lime in to the basin of three meter square bed to avoid the spreading of soft rot in ginger and turmeric.
Cucurbitaceous Vegetables	Downy mildew	Due to high relative humidity, there is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.
Vegetables (Cowpea & chilly)	Anthraco disease	During rainy season, there is a chance of Anthracnose disease in Cowpea and chilly. As a prophylactic measure, apply 1% Bordeaux mixture or spray pseudomonas 20 gm per liter.
Animal Husbandry	Don't allow the animals to water logged areas to avoid foot lesions.	