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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 25/2021, (49) Tuesday

15.06.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 131.7 mm. The maximum temperature ranges from 28.8°C to 33.0°C, minimum temperature ranges from 21.0°C to 24.8°C. Morning relative humidity ranges from 86% to 98% and afternoon relative humidity ranges from 63% to 98%. Wind speed ranges from 0.7 to 5.0 km/h. Bright sunshine hours range from 0.3 to 9.6 hours. Evaporation ranges from 1.8 to 3.7 mm.

CURRENT SYNOPTIC SITUATION: A Low Pressure Area lies over east Uttar Pradesh and adjoining Bihar with associated cyclonic circulation extending upto mid-tropospheric levels. An off shore trough at mean sea level runs from north Maharashtra coast to north Kerala coast.

HEAVY RAINFALL WARNING: Day 1 and Day 2: Heavy (7- 11 cm in 24 hours) rainfall is very likely to occur at isolated places in the districts of Thiruvananthapuram, Kollam, Pathanamthitta, Alappuzha, Kottayam, Idukki, Ernakulam, Thrissur, Malappuram, Palakkad, Kozhikode, Wayanad, Kannur & Kasaragod.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	16.06.2021	17.06.2021	18.06.2021	19.06.2021	20.06.2021
Rainfall (mm)	40	25	20	10	10
Maximum temperature(°C)	26	28	28	28	28
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	77	77	77	77	77
Wind speed (kmph)	10	14	10	8	6
Wind direction (deg)	270	250	250	270	270
Total cloud cover (octa)	8	8	8	8	8

As per the forecast of IMD & KAU, there is a chance of moderate rainfall in the district and heavy rainfall in isolated places. 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)	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.