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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 32/2021, (64)Friday

06.08.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 39.3 mm. The maximum temperature ranges from 29.7°C to 30.9°C, minimum temperature ranges from 23.1°C to 23.8°C. Morning relative humidity ranges from 94% to 98% and afternoon relative humidity ranges from 65% to 75%. Wind speed ranges from 1.5 to 2.3 km/h. Bright sunshine hours range from 1.1 to 5.7 hours. Evaporation ranges from 2.3 to 2.9 mm.

CURRENT SYNOPTIC SITUATION: A Low Pressure Area lies over central parts of north Madhya Pradesh & neighbourhood with associated cyclonic circulation extending upto 5.8 km above mean sea level. A cyclonic circulation lies over southeast Bangladesh & neighbourhood extending upto 5.8 km above mean sea level.

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

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	07.08.2021	08.08.2021	09.08.2021	10.08.2021	11.08.2021
Rainfall (mm)	18	16	8	7	9
Maximum temperature(°C)	30	31	31	31	32
Minimum temperature (°C)	24	24	24	24	23
Maximum Relative Humidity (%)	97	97	97	97	97
Minimum Relative Humidity (%)	73	73	73	73	73
Wind speed (kmph)	10	10	10	10	10
Wind direction (deg)	290	290	270	270	270
Total cloud cover (octa)	8	8	7	6	6

As per the forecast of IMD & KAU, there is a chance of moderate rainfall in the district. 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	Gall midge	There is a chance of Gall midge attack in rice. To control this apply 6 kilogram of Carbosulfan per acre.
Banana	Rhizome rot	Due to the increase in rainfall, there is a chance of Rhizome rot in banana. As a precaution, pour 3 litre of pseudomonas solution (20 gm per 1 litre) at the basin.
Pepper	Foot rot	As a prophylactic measure to manage foot rot during rainy season, add 2 kg Trichoderma to a mixture of 90 kg FYM & 10 kg neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to the base of each matured pepper vine to control foot rot disease.
Nutmeg	Leaf fall	As a precautionary measure to manage leaf fall during rainy season, spray 1% bordeaux mixture.
Ginger	Stem borer	There is a chance of stem borer in ginger. Spray 20 g <i>Beauveria</i> per one litre of water to control stem borer.
Turmeric	Leaf Blotch	During rainy season there is a chance of Leaf blotch in Turmeric. To control, spray 2 ml. Contaf (Hexaconazole) in one litre of water.
Vegetables (Bindi)	Leaf spot	There is a chance of leaf spot attack in bindi. To control leaf spot, spray three gram mancozeb per litre of water.
Animal Husbandry	Sun dry the cattle feed frequently to avoid fungal growth. Give foot and mouth disease (FMD) vaccination to the animal (caadeccs, kvasu, Mannuthy).	