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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 32/2020,(64) Friday

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SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 179.1 mm. The maximum temperature ranges from 28.0°C to 30.0°C, minimum temperature ranges from 21.4°C to 25.3°C. Morning relative humidity ranges from 95% to 99% and afternoon relative humidity ranges from 80% to 95%. Wind speed ranges from 0.9 to 5.0 km/h. Bright sunshine hours range from 0.0 to 2.7 hours. Evaporation ranges from 2.0 to 3.1 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Kutch & neighbourhood extending upto 5.8 km above mean sea level .A cyclonic circulation lies over East central Arabian sea off Maharashtra coast at 5.8 km above mean sea level

HEAVY RAINFALL WARNING:

DAY 1: Very Heavy rainfall (12- 21 cm in 24 hours) is very likely to occur at a few places in the districts of Alappuzha, Kollam Ernakulam, Thrissur, Palakkad, Malappuram, Kozhikode, Kannur & Kasaragod.

DAY 2: Extremely Heavy rainfall (22 cm and above in 24 hours) is very likely to occur at one or two places in the districts of Idukki, Thrissur, Palakkad & Wayanad.

DAY 3: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Alappuzha, Ernakulam, Thrissur & Palakkad.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	08.08.2020	09.08.2020	10.08.2020	11.08.2020	12.08.2020
Rainfall (mm)	40	80	40	30	20
Maximum temperature(°C)	29	29	29	29	29
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	88	88	88	88	88
Wind speed (kmph)	12	10	12	8	8
Wind direction (deg)	270	270	250	270	250
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 very heavy rainfall in isolated places.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during rainy season.		
Rice (Virippu) Tillering stage	Bacterial Leaf Blight (BLB)	As a prophylactic measure to manage Bacterial Leaf Blight during rainy season, apply bleaching powder @ 200g per one acre in the irrigation water.
Banana	Rhizome rot	Ensure drainage facilities in low land banana plantations. 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 litre of water).
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 each matured pepper vine to control foot rot disease.
Ginger	Soft rot	During rainy season, to avoid the spreading of soft rot in ginger, apply mixture of bleaching powder and lime in to the basin.
Vegetables (Cowpea)	Anthraxnose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray copper oxychloride 3 gram per one litre of water.
Animal Husbandry	Deworming of animals	Deworming of animals should be done only after dung sample examination. In calves first dose of medicine should be given within 15 days of age.