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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 33/2020,(65) Tuesday

11.08.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 410.5 mm. The maximum temperature ranges from 25.9°C to 30.0°C, minimum temperature ranges from 21.4°C to 25.3°C. Morning relative humidity ranges from 96% to 99% and afternoon relative humidity ranges from 86% to 99%. Wind speed ranges from 0.4 to 5.0 km/h. Bright sunshine hours range from 0.0 to 1.1 hours. Evaporation ranges from 0.7 to 3.1 mm.

CURRENT SYNOPTIC SITUATION: An east-west shear zone runs roughly along latitude 18° N across central India between 5.8 and 7.6 km above mean sea level tilting southwards with height.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	12.08.2020	13.08.2020	14.08.2020	15.08.2020	16.08.2020
Rainfall (mm)	25	16	6	8	6
Maximum temperature(°C)	29	30	30	30	30
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	10	12	12	8	6
Wind direction (deg)	270	270	270	290	270
Total cloud cover (octa)	8	8	7	8	8

As per the forecast of IMD & KAU, the rainfall may show a decreasing trend in the district.

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 (<i>Virippu</i>) Panicle initiation	Bacterial Leaf Blight (BLB)	As a prophylactic measure to manage Bacterial Leaf Blight in waterlogged paddy fields, spray a mixture of cow dung slurry (20g cow dung per one litre of water) and pseudomonas solution (20g per one litre of water) or apply bleaching powder @ 2kg 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	Due to continuous rain, there is a chance of foot rot disease in Pepper. As a preventive measure drench with three gram Copper Oxy Chloride (COC) per one litre of water in to the basin of each plant.
Ginger	Soft rot	During rainy season, to avoid the spreading of soft rot in ginger, apply mixture of 20 gram Pseudomonas in one litre of water or apply a mixture of 25 gram bleaching powder and 250 gram lime in to the basin.
Animal Husbandry	Care should be taken to avoid mould growth in the feed. So place the feed bag on the top of wooden or iron board.	