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**Agromet Advisory Service Bulletin**

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



**THRISSUR DISTRICT**

**AAS 33/2020, (66) Friday**

**14.08.2020**

**SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:**

The total rainfall 379.8 mm. The maximum temperature ranges from 25.9°C to 30.2°C, minimum temperature ranges from 21.7°C to 23.7°C. Morning relative humidity ranges from 90% to 99% and afternoon relative humidity ranges from 74% to 99%. Wind speed ranges from 0.4 to 2.6 km/h. Bright sunshine hours range from 0.0 to 3.3 hours. Evaporation ranges from 0.7 to 2.5 mm.

**CURRENT SYNOPTIC SITUATION:** A low pressure area lies over north coastal Orissa and adjoining gangetic West Bengal with associated cyclonic circulation extending up to 7.6 km above mean sea level tilting south westwards with height. An east-west shear zone runs roughly along latitude 18° North across peninsular India between 5.8 and 7.6 km above mean sea level.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	15.08.2020	16.08.2020	17.08.2020	18.08.2020	19.08.2020
Rainfall (mm)	4	1	1	2	3
Maximum temperature(°C )	30	30	30	30	30
Minimum temperature (°C )	24	24	24	24	24
Maximum Relative Humidity (%)	93	93	93	93	93
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	8	8	8	10	10
Wind direction (deg)	250	270	290	290	290
Total cloud cover (octa)	8	7	7	7	7

**As per the forecast of IMD & KAU, there is a chance of light rainfall in the district.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during rainy season.		
Rice (Virippu) 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.	