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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

AAS 28/2019(55), Tuesday

09.07.2019

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

The total rainfall received 150.5 mm. The maximum temperature ranges from 28.9°C to 31.9°C, minimum temperature ranges from 21.6°C to 25.8°C. Morning relative humidity ranges from 92 % to 98% and afternoon relative humidity ranges from 65% to 92%. Wind speed ranges from 0.7 to 3.4 km/h. Bright sunshine hours range from 0.0 to 6.1 hours. Evaporation ranges from 2.5 to 5.0 mm.

**CURRENT SYNOPTIC SITUATION:**

A well marked Low Pressure area lies over East Uttar Pradesh & adjoining Bihar with associated cyclonic circulation extending upto 7.6km above mean sea level tilting southwestwards with height. A feeble Off shore trough at mean sea level runs from Karnataka coast to Kerala coast.

**Heavy Rainfall Warning:**

Day 1 : Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at isolated places in the district of Trivandrum, Kollam, Idukki & Kozhikode.

Day 2 : Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at isolated places in the districts of Malappuram & Kannur

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

Weather parameters	10.07.2019	11.07.2019	12.07.2019	13.07.2019	14.07.2019
Rainfall (mm)	10	9	5	2	0.2
Maximum temperature (°C )	32	32	32	33	33
Minimum temperature (°C )	23	23	23	24	24
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	6	10	10	4	6
Wind direction (deg)	270	270	270	290	270
Total cloud cover (octa)	8	8	7	6	6

**Light Moderate rainfall is forecasted in the district by IMD & KAU.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Stage	Pest/ Disease	Advisories
Rice (Virippu)	Tillering stage	Leaf folder	Since cloudy weather is prevailed, there is a chance of Leaf folder attack in <i>Virippu</i> Paddy. It can be controlled by using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray quinalphos @ 2ml per one liter of water.
Coconut		Bud rot	There is a chance of bud rot in rainy season. Keep three numbers each of perforated Mancozeb sachets (5 gm) around spindle leaves as a prophylactic measure against bud rot.
Banana	Bunch emergence stage	Sigatoka disease	Due to the pre monsoon showers, there is a chance of Sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g/litre. In case of severe attack spray 1 gm Bavistin by mixing it with gum in 1 litre of water on lower surface of leaf.
Vegetables	Flowering/Fruiting stage	Downy mildew	There is a chance of downy mildew attack in vegetables due to the south west monsoon. Application of 0.2% curzate M-8 or 0.1% Equation pro or Trichoderma 20g/litre under the leaves in 15 days interval is effective.
Animal Husbandry			Don't allow the animals to water logged areas to avoid foot lesions. (CAADECCS, KVASU, Mannuthy)