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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 03/2020, (5)Tuesday

14.01.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 32.1°C to 34.9°C, minimum temperature ranges from 20.2°C to 24.2°C. Morning relative humidity ranges from 57 % to 80% and afternoon relative humidity ranges from 41% to 46%. Wind speed ranges from 5.1 to 9.6 km/h. Bright sunshine hours range from 7.9 to 10.0 hours. Evaporation ranges from 4.1 to 5.9 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over southwest Bay of Bengal off Sri Lanka coast extending upto 1.5km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	15.01.2020	16.01.2020	17.01.2020	18.01.2020	19.01.2020
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C)	33	33	33	33	33
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	73	73	73	73	73
Minimum Relative Humidity (%)	35	35	35	35	35
Wind speed (kmph)	10	10	10	14	14
Wind direction (deg)	250	50	20	270	20
Total cloud cover (octa)	4	2	5	2	3

As per the forecast of IMD & KAU, due to no rainfall and prevailing dry weather conditions, irrigation of crops to be continued in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice (Mundakan) Panicle Emergence	Blast	There is a chance of Blast disease in paddy. As a precaution, spray 20g pseudomonas per one litre of water.
	Bacterial Leaf blight	To control the spread of bacterial leaf blight in paddy, spray 6g of streptomycin in 30 litre of water.
Banana	Sigatoka disease	There is a chance of Sigatoka disease in banana. As a precaution, spray <i>Pseudomonas</i> 20g/litre. In case of severe attack, spray one ml hexaconazole or one ml propiconazole per one litre of water by mixing it with a sticker and spray on both the surface of the leaf.
Vegetables	Powdery mildew	During winter season, there is a chance of powdery mildew in vegetables. As a precaution, spray 20g <i>Trichoderma</i> per one litre of water.
Animal Husbandry		Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. (CAADECCS, KVASU, Mannuthy)