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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 50/2019(99), Tuesday

10.12.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.3 mm. The maximum temperature ranges from 30.1°C to 33.1°C, minimum temperature ranges from 21.9°C to 23.2°C. Morning relative humidity ranges from 62 % to 87% and afternoon relative humidity ranges from 43% to 63%. Wind speed ranges from 7.0 to 13.9 km/h. Bright sunshine hours range from 2.0 to 9.9 hours. Evaporation ranges from 3.1 to 5.6mm.

CURRENT SYNOPTIC SITUATION: The Depression over southwest Arabian Sea moved westwards and lay centred at 0830 hours IST of today, the 10th December, 2019, over southwest Arabian Sea near latitude 10.6°N and longitude 55.2°E, about 270 km southeast of Socotra Island (Yemen) and 2300 km west-northwest of Kochi. The trough in easterlies extending upto 0.9 km above mean sea level lies over Equatorial Indian Ocean & adjoining Comorin area. A cyclonic circulation lies over southeast Arabian Sea & adjoining Lakshadweep area between 1.5 & 3.1 km above mean sea level..

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	11.12.2019	12.12.2019	13.12.2019	14.12.2019	15.12.2019
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 (%)	67	67	67	67	67
Minimum Relative Humidity (%)	45	45	45	45	45
Wind speed (kmph)	10	12	14	14	12
Wind direction (deg)	50	70	70	70	70
Total cloud cover (octa)	1	1	2	2	3

No rainfall is forecasted for coming days in the district by IMD & KAU

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 initiation	Leaf folder	There is a chance of leaf folder attack in mundakan 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.
	Bacterial Leaf blight	To control the spread of bacterial leaf blight in paddy, spray 6 g of streptomycin in 30 litre of water.
Banana	Spodoptera	Destroy the affected leaves along with the spodoptera. For severe attack, spray flubendiamide (fame) at the rate of 2 ml per 10 litre of water.
Vegetables (cowpea)	Aphids	There is a chance of aphids in cowpea. Apply 2% neem oil emulsion or apply 20 g <i>Verticillium lecanii</i> per one litre of water in 10 days intervals. If aphid attack is severe, apply 3 ml Imidacloprid or 2 g Thiamethoxam per 10 litre of water.
Animal Husbandry		1.Take precautions to avoid ecto parasitic infestation 2.Fever, shivering, brown coloured urine, off feed are noticed, consult veterinary doctor immediately(CAADECCS, KVASU, Mannuthy)