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Agromet Advisory Service Bulletin

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OLLUKKARA BLOCK, THRISSUR DISTRICT

AAS 46/2019(92), Friday

15.11.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 136.8 mm. The maximum temperature ranges from 32.0°C to 33.7°C, minimum temperature ranges from 19.7°C to 22.4°C. Morning relative humidity ranges from 69 % to 98% and afternoon relative humidity ranges from 50% to 82%. Wind speed ranges from 0.8 to 4.7 km/h. Bright sunshine hours range from 3.0 to 9.9 hours. Evaporation ranges from 1.6 to 3.7 mm.

CURRENT SYNOPTIC SITUATION: A trough in easterlies lies over eastcentral & adjoining southeast Bay of Bengal and extends upto 1.5 km above mean sea level.

Thunderstorm Warning: Day1 & Day2: Thunderstorm accompanied with lightning is very likely to occur at isolated places over Kerala.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	16.11.2019	17.11.2019	18.11.2019	19.11.2019	20.11.2019
Rainfall (mm)	1	0.4	2	2	0.1
Maximum temperature(°C)	33	33	33	33	33
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	8	7	6	7	7
Wind direction (deg)	90	90	80	90	80
Total cloud cover (octa)	4	3	4	4	3

Light rainfall is forecasted in isolated places of 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) Seedling stage	Rice case worm	During rainy season, there is a chance of rice case worm in paddy field. To control this 25 kg sawdust or rice husk ash mixed with one litre kerosene can be spread after draining the field (for 1 acre).
	Gall midge	During rainy season, there is a chance of gall midge attack in mundakan paddy. As a prophylactic measure, root of the seedlings are dipped in 0.02% chlorpyrifos suspension for 12 hours prior to planting.
Ginger	Rhizome rot	During rainy season there is a chance of rhizome rot in ginger. To control, dig out the affected plants and drench the soil with copper oxychloride 2g per one litre of water.
Banana and Vegetables	Spodoptera	There is a chance of attack of spodoptera in banana and vegetables. Destroy the affected leaves along with the spodoptera.
Animal Husbandry		Vaccinate animals against foot and mouth disease and haemorrhagic septicaemia. (CAADECCS, KVASU Mannuthy)