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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 51/2019(102), Friday

20.12.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 1.4 mm. The maximum temperature ranges from 32.0°C to 33.0°C, minimum temperature ranges from 20.9°C to 23.2°C. Morning relative humidity ranges from 61 % to 78% and afternoon relative humidity ranges from 44% to 78%. Wind speed ranges from 5.6 to 13.9 km/h. Bright sunshine hours range from 2.2 to 9.8 hours. Evaporation ranges from 2.5 to 5.7mm.

CURRENT SYNOPTIC SITUATION: Light to moderate Northeasterlies prevail over Kerala in the lower tropospheric levels. An upper air trough in easterlies lies over Comorin area & neighbourhood between 1.5 and 3.1 km above mean sea level.

Heavy Rainfall Warning:

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

Thunderstorm Warning:

DAY 1 : Thunderstorm accompanied with lightning is very likely to occur at isolated places over Kerala

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	21.12.2019	22.12.2019	23.12.2019	24.12.2019	25.12.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C)	32	32	32	32	32
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	73	73	73	73	73
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	10	12	12	12	10
Wind direction (deg)	70	90	70	50	70
Total cloud cover (octa)	7	3	2	5	6

There may be chance of dry weather due to strong wind as per KAU & IMD. So crops may be irrigated when required.

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	Panama wilt	There is a chance of panama wilt in banana varieties like poovan, kadali etc. Drench the soil with 1 g of carbendazim in one litre of water.
Vegetables (cowpea)	Fruit borer	To control fruit borer in cowpea, apply 5% Neem Kernel Suspension to control fruit borer in the initial stage. Spray Flubendamide 2ml/10L of water or Chlorantraniliprole 3 ml/10L if the attack is severe.
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)