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Agromet Advisory Service Bulletin

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CHALAKUDY BLOCK, THRISSUR DISTRICT

AAS 49/2019(97), Tuesday

03.12.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 9.9 mm. The maximum temperature ranges from 30.9°C to 33.1 °C, minimum temperature ranges from 21.5°C to 23.9°C. Morning relative humidity ranges from 71 % to 90% and afternoon relative humidity ranges from 47% to 72%. Wind speed ranges from 2.7 to 11.4 km/h. Bright sunshine hours range from 0.7 to 9.8 hours. Evaporation ranges from 2.0 to 5.5 mm.

CURRENT SYNOPTIC SITUATION: The Deep Depression over Southwest Arabian Sea and adjoining Equatorial Indian Ocean moved north-northwestwards and lay centred at 0830 hours IST of today, 3rd December, 2019 near Lat. 6.7°N and Long. 56.3° over southwest Arabian Sea, about 710 km south-southeast of Socotra (Yemen), 930 km southeast of Bosaso (Somalia). The Low Pressure Area over Lakshadweep Area and adjoining Southeast Arabian Sea now lies as a Well Marked Low Pressure Area over southeast Arabian Sea and adjoining areas of Eastcentral Arabian Sea & Lakshadweep area The trough in easterlies over southwest Bay of Bengal off SriLanka-south Tamil Nadu coasts persists and extends upto 1.5 Km above mean sea level.

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	04.12.2019	05.12.2019	06.12.2019	07.12.2019	08.12.2019
Rainfall (mm)	5	0.1	0.5	2	3
Maximum temperature(°C)	32	32	32	32	32
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	14	14	18	12	8
Wind direction (deg)	70	70	70	70	70
Total cloud cover (octa)	8	3	6	7	7

Light rainfall is forecasted 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) Tillering stage	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	Management	Propping should be followed to reduce the damage due to high wind velocity.
	Spodoptera	Destroy the affected leafs along with the spodoptera. For severe attack, spray flubendiamide (fame) 2 ml/10 L of water.
Vegetables (Bhindi)	Green leaf hopper	There is a chance of green leaf hopper attack in bhindi. Spray 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)