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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 29/2019(57), Tuesday

16.07.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 88.2 mm. The maximum temperature ranges from 30.0°C to 32.6°C, minimum temperature ranges from 21.6°C to 23.9°C. Morning relative humidity ranges from 85 % to 98% and afternoon relative humidity ranges from 65% to 90%. Wind speed ranges from 1.1 to 1.9 km/h. Bright sunshine hours range from 0.5 to 5.5 hours. Evaporation ranges from 1.7 to 2.9 mm.

CURRENT SYNOPTIC SITUATION:

A feeble off shore trough runs from Goa coast to Kerala coast.

Heavy Rainfall Warning:

Moderate to Extremely Heavy rainfall in isolated places is forecasted in the district by IMD.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	17.07.2019	18.07.2019	19.07.2019	20.07.2019	21.07.2019
Rainfall (mm)	20	20	40	35	60
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	72	72	72	72	72
Wind speed (kmph)	12	10	14	12	12
Wind direction (deg)	290	290	290	270	290
Total cloud cover (octa)	7	8	8	8	8

Moderate rainfall is forecasted in the district by IMD & KAU.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Stage	Pest/ Disease	Advisories
Rice (Virippu)	Tillering stage	Leaf folder	Since cloudy weather is prevailed, there is a chance of Leaf folder attack in <i>Virippu</i> 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.
Coconut		Bud rot	There is a chance of bud rot in rainy season. Keep three numbers each of perforated Mancozeb sachets (5 gm) around spindle leaves as a prophylactic measure against bud rot.
Banana	Bunch emergence stage	Sigatoka disease	Due to the pre monsoon showers, there is a chance of Sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g/litre. In case of severe attack spray 1 gm Bavistin by mixing it with gum in 1 litre of water on lower surface of leaf.
Vegetables (cowpea)	-	Aphids	There is a chance of aphids in cowpea. Apply 2% neemoil emulsion or apply 20 g verticillium lecanii 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			Keep the cattle shed and premises clean to avoid mosquito breeding. (CAADECCS, KVASU, Mannuthy)