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Agromet Advisory Service Bulletin

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



THRISSUR DISTRICT

AAS 47/2019(93), Tuesday

19.11.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 72.0 mm. The maximum temperature ranges from 32.0°C to 34.0°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 60%. Wind speed ranges from 1.5 to 4.7 km/h. Bright sunshine hours range from 5.7 to 9.9 hours. Evaporation ranges from 1.6 to 3.7 mm.

CURRENT SYNOPTIC SITUATION: The trough in easterlies from Equatorial Indian Ocean off south Sri Lanka coast to southwest Bay of Bengal off north Tamilnadu coast now seen as a cyclonic circulation over Comorin area & neighbourhood at 0.9 km above mean sea level. A cyclonic circulation extending upto 0.9 km above mean sea level lies over Coastal Karnataka & neighbourhood.

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	20.11.2019	21.11.2019	22.11.2019	23.11.2019	24.11.2019
Rainfall (mm)	0.5	5	9	1	2
Maximum temperature(°C)	34	34	34	34	34
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	2	4	8	12	6
Wind direction (deg)	20	50	70	70	70
Total cloud cover (octa)	5	6	7	4	4

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	Since cloudy weather is prevailed, 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 Streptocycline in 30 litre of water.
Ginger	Stem borer	There is a chance of stem borer in vegetables. Spary 20 g of <i>Beauveria</i> per one litre of water to control stem borer.
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)