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Agromet Advisory Service Bulletin

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



THRISSUR DISTRICT

AAS 42/2019(84), Friday

18.10.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 137.3 mm. The maximum temperature ranges from 32.0°C to 35.0 °C, minimum temperature ranges from 20.9°C to 22.3°C. Morning relative humidity ranges from 84 % to 97% and afternoon relative humidity ranges from 52% to 77%. Wind speed ranges from 0.8 to 3.2 km/h. Bright sunshine hours range from 0.8 to 9.6 hours. Evaporation ranges from 2.0 to 3.2 mm..

CURRENT SYNOPTIC SITUATION: CURRENT SYNOPTIC SITUATION: A low pressure area lies over South east Arabian sea & adjoining areas of Lakshadweep and east central Arabian sea with associated cyclonic circulation extending upto 5.8 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	19.10.2019	20.10.2019	21.10.2019	22.10.2019	23.10.2019
Rainfall (mm)	20	25	30	15	10
Maximum temperature(°C)	33	33	33	33	33
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	8	6	4	4	4
Wind direction (deg)	160	160	320	340	290
Total cloud cover (octa)	8	8	8	7	6

According to the forecast of IMD & KAU, there is a chance for moderate rainfall in the coming days in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice(<i>Virippu</i>) Harvesting stage	-	First paddy crop (<i>Virippu</i>) is in Harvesting stage. Land preparation for second paddy (<i>mundakan</i>) crop can be started.
Banana	Sigatoka disease	Due to intermittent rainfall and sunshine, there is a chance of sigatoka disease in banana. As a precaution, spray pseudomonas 20g per one litre of water. In case of severe attack, spray 2 ml hexaconazole or 1 ml propiconazole per one litre of water by mixing it with a sticker and spray on both the surface of the leaf.
Ginger	Stem borer	There is a chance of stem borer in ginger. Spray 20 g <i>Beauveria</i> per one litre of water to control stem borer.
Vegetables	Fruit fly	There is a chance of fruit fly in vegetables. Remove and destroy affected and decayed fruits. Use special pheromone traps like cuelure (6 nos/acre) for vegetable fruit fly. Thulasi/fruit traps can be used. If the attack is not reduced, spray mixture of malathion 2 ml per one litre of water + jaggery 10 g at flowering and fruit initiation.
Animal Husbandry		Animal should not be allowed graze in open grazing lands to avoid lightening risk. (CAADECCS, KVASU Mannuthy)