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Agromet Advisory Service Bulletin

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



ERNAKULAM DISTRICT

AAS 42/2019(83), Tuesday

15.10.2019

CURRENT SYNOPTIC SITUATION: A trough at mean sea level runs from south Sri Lanka coast to Eastcentral Arabian Sea off North Kerala coast extending upto 1.5 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	16.10.2019	17.10.2019	18.10.2019	19.10.2019	20.10.2019
Rainfall (mm)	15	25	25	15	3
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	72	72	72	72	72
Wind speed (kmph)	6	10	8	12	8
Wind direction (deg)	110	160	160	160	160
Total cloud cover (octa)	7	8	8	7	5

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 vegetables. Spary 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) (CAADECCS, KVASU Mannuthy)