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**Agromet Advisory Service Bulletin**

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**PALAKKAD DISTRICT**

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15.10.2019

**CURRENT SYNOPTIC SITUATION: 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)	28	25	20	18	4
Maximum temperature(°C )	33	33	33	33	33
Minimum temperature (°C )	23	23	23	23	23
Maximum Relative Humidity (%)	96	96	96	96	96
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	4	6	6	4	2
Wind direction (deg)	160	160	200	160	140
Total cloud cover (octa)	8	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
<b>General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.</b>		
Rice( <i>Virippu</i> ) Harvesting stage	-	First paddy crop (Virippu) is in Harvesting stage. Land preparation for second paddy (mundakan) 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)