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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

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CURRENT SYNOPTIC SITUATION: A trough runs from Gujarat coast to the cyclonic circulation over north coastal Odisha & neighbourhood across north Maharashtra and Chattisgarh between 3.1 & 5.8 km above mean sea level tilting southwards with height . A cyclonic circulation lies over west central and adjoining Northwest Bay of Bengal off north Andhra Pradesh – south Odisha coasts tilting southwestwards with height.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	03.08.2019	04.08.2019	05.08.2019	06.08.2019	07.08.2019
Rainfall (mm)	0.8	0.3	3	20	10
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	26	26	26	26	26
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	12	12	14	16	18
Wind direction (deg)	270	270	290	270	270
Total cloud cover (octa)	6	5	7	8	8

As per the forecast of IMD & KAU, there is a chance for moderate rainfall after three days.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Stage	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during this rainy season.			
Rice (<i>Virippu</i>)	Tillering stage	Bacterial Leaf blight	To control the spread of Bacterial Leaf blight in paddy, during rainy season, mix 20 g of cow dung in one litre of water and spray the cow dung slurry by mixing with 20g of pseudomonas in one litre of water.
Banana	Bunching stage	Pseudostem weevil	During the rainy season, if infestation of pseudostem weevil is noticed, spray 2.5 ml of chlorpyrifos or 2 ml of quinalphos mixing with gum per one litre of water in leaf axils and by inserting the nozzle through the boreholes made by the larvae.
Nutmeg		Fruit rot, leaf fall	During rainy season, there is a chance of Fruit rot and leaf fall in Nutmeg. As a prophylactic measure, apply <i>Trichoderma</i> mixture. Add 2 kg <i>Trichoderma</i> to a mixture of 90 kg FYM and 10 kg Neemcake and kept for two weeks with sufficient moisture. Basal application of 2.5 kg of this mixture followed by foliar spray with pseudomonas (20g/litre) or 1% Bordeaux mixture.
Vegetables		Green leaf hopper	There is a chance of green leaf hopper attack in Bhindi. Spray 2 g Thiamethoxam per 10 litre of water.
Animal Husbandry		Keep the cattle shed and premises clean to avoid mosquito breeding. (CAADECCS, KVASU, Mannuthy)	