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Agromet Advisory Service Bulletin

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PALAKKAD DISTRICT

AAS 33/2019(66), Friday

16.08.2019

CURRENT SYNOPTIC SITUATION: A well marked Low Pressure Area lies over northeast Rajasthan and adjoining areas of northwest Madhya Pradesh and southwest Uttar Pradesh with associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwestwards with height. A cyclonic circulation lies over south Tamil Nadu & neighbourhood at 5.8 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	17.08.2019	18.08.2019	19.08.2019	20.08.2019	21.08.2019
Rainfall (mm)	5	5	13	10	10
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	96	96	96	96	96
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	12	10	10	8	10
Wind direction (deg)	270	270	270	270	270
Total cloud cover (octa)	8	8	7	8	8

According to the forecast of IMD & KAU, as per the current situation, light rainfall is expected in coming days in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	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>) Panicle initiation	Leaf folder & Stem borer	Since cloudy weather is prevailed, there is a chance of leaf folder and stem borer attack in virippu paddy. As a prophylactic measure, apply 2CC Trichogramma chilonis card per acre to control leaf folder and 2CC Trichogramma japonicum card per acre to control stem borer in paddy. Cut the cards in to small pieces and fix in different parts of the field in plastic cups. If the attack is severe, spray 3ml chlorantraniliprole per 10 litre of water.
Coconut	Bud rot disease	There is a chance of bud rot in rainy season. Keep three numbers each of perforated Mancozeb sachets (5 gm per packet) around spindle leaves as a prophylactic measure against bud rot.
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 will be followed by foliar spray with pseudomonas (20g/litre) or 1% Bordeaux mixture.
Cucurbiatacious Vegetables	Downy mildew disease	There is a chance of downy mildew attack in vegetables due to rainy season. Application of 2gm, curzate M-8 or <i>Trichoderma</i> 20g/litre under the leaves in 15 days interval is effective to control downy mildew disease.
Animal Husbandry		Care should be taken to avoid mould growth in the feed (CAADECCS, KVASU Mannuthy)