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Agromet Advisory Service Bulletin

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PALAKKAD DISTRICT

AAS 25/2019(50), Friday

21.06.2019

CURRENT SYNOPTIC SITUATION:

The low pressure area over northeast Bay of Bengal and neighbourhood now lies over north Bay of Bengal and adjoining areas of Bangladesh and West Bengal. Associated cyclonic circulation extends upto 7.6 km above mean sea level tilting southwestwards with height.

An offshore trough at mean sea level from south Maharashtra coast to Kerala coast persists and is feeble.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	22.06.2019	23.06.2019	24.06.2019	25.06.2019	26.06.2019
Rainfall (mm)	15	20	15	3	5
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	10	10	10	10	10
Wind direction (deg)	250	250	250	250	250
Total cloud cover (octa)	7	8	6	4	5

Moderate rainfall is forecasted in the district by IMD & KAU.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
Paddy	Land preparation to transplanting	Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of <i>Pseudomonas</i> culture @10g/litre per kg of seeds. The above seed treatment can also be used to control sheath blight, sheath rot, leaf spot disease etc.
Vegetables	Downy mildew	There is a chance of downy mildew attack in vegetables due to the onset of south west monsoon. Application of 2g curzate M-8 or Trichoderma 20g/litre under the leaves in 15 days interval is effective.
Coconut	Bud rot	There is a chance of bud rot in rainy season. Keep three numbers each of perforated Mancozeb sachets (5 gm) around spindle leaves as a prophylactic measure against bud rot.
Pepper	Foot rot	There is a chance of foot rot disease due to high relative humidity. Add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg Neemcake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper.
Animal Husbandry	Add disinfectant in the drinking water. (CAADECCS, KVASU, Mannuthy)	