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**Agromet Advisory Service Bulletin**

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**ERNAKULAM DISTRICT**

**AAS 27/2019(54), Friday**

**05.07.2019**

**CURRENT SYNOPTIC SITUATION:**

A Low Pressure lies over South east Uttar Pradesh & adjoining North east Madhya Pradesh with associated cyclonic circulation extending upto 4.5km above mean sea level. A cyclonic circulation between 3.1 & 7.6 5km above mean sea level lies over North west Bay of Bengal and adjoining Gangetic West Bengal tilting southwards with height.

**Heavy Rainfall Warning:**

**Day 1 : Heavy rainfall** (7- 11 cm in 24 hours) is very likely to occur at isolated places in the district of Kannur .

**Day 2 : Heavy rainfall** (7- 11 cm in 24 hours) is very likely to occur at isolated places in the districts of Kozhikode .

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	06.07.2019	07.07.2019	08.07.2019	09.07.2019	10.07.2019
Rainfall (mm)	15	15	10	15	10
Maximum temperature (°C )	31	31	31	31	31
Minimum temperature (°C )	24	25	25	25	25
Maximum Relative Humidity (%)	96	96	96	96	96
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	10	8	8	12	12
Wind direction (deg)	290	290	290	290	290
Total cloud cover (octa)	8	8	6	8	7

**Light moderate rainfall is forecasted in the district by IMD & KAU.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
Paddy (Jyothi,Kanchana)	Seedling stage	There is a chance of thrips in paddy during the dry spell between monsoon period. Apply 3 ml imidacloprid per 10 litre of water to control them.
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	Quick wilt	There is a chance of Quick wilt disease due to high relative humidity. Apply trichoderma or pseudomonas culture in soil or 1% Bordeaux mixture can be sprayed on the leaves and small branches.
Vegetables	Epilachna beetle	There is a chance of Epilachna beetle in vegetables. Cut and remove the leaves along with grub and their eggs. Then apply 2% Neemoil emulsion to control them.
Animal Husbandry	Don't allow the animals to water logged areas to avoid foot lesions (CAADECCS, KVASU, Mannuthy)	