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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

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

**05.07.2019**

**SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:**

The total rainfall received 47.8 mm. The maximum temperature ranges from 31.6°C to 32.5°C, minimum temperature ranges from 23.3°C to 25.8°C. Morning relative humidity ranges from 92 % to 98% and afternoon relative humidity ranges from 65% to 92%. Wind speed ranges from 2.0 to 2.8 km/h. Bright sunshine hours range from 2.8 to 7.2 hours. Evaporation ranges from 2.6 to 5.0 mm.

**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)	20	15	12	15	15
Maximum temperature (°C )	30	30	32	32	32
Minimum temperature (°C )	24	24	25	25	25
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	78	78	78	78	78
Wind speed (kmph)	12	6	6	10	12
Wind direction (deg)	270	290	270	270	290
Total cloud cover (octa)	8	7	6	7	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)	