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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

AAS 20/2019(40), Friday

17.05.2019

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

The total rainfall received 22.5 mm. The maximum temperature ranges from 33.9°C to 35.4°C, minimum temperature ranges from 21.0°C to 26.3°C. Morning relative humidity ranges from 84 % to 95% and afternoon relative humidity ranges from 51% to 71%. Wind speed ranges from 2.0 to 2.6 km/h. Bright sunshine hours range from 2.7 to 9.9 hours. Evaporation ranges from 2.9 to 5.2 mm.

**CURRENT SYNOPTIC SITUATION:** A trough runs from south Interior Karnataka to Comorin area across Tamil Nadu extending upto 0.9 km above mean sea level. A cyclonic circulation at 1.5 km above mean sea level lies over south Interior Karnataka & neighbourhood.

**Heavy Rainfall Warning:**

**Day 3:** Heavy rainfall is most likely to occur at isolated places in Pathanamthitta district.

**Day 4:** Heavy rainfall is most likely to occur at isolated places in Idukki district.

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

Weather parameters	18.05.2019	19.05.2019	20.05.2019	21.05.2019	22.05.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	34	34	34	34	34
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	8	8	6	6	8
Wind direction (deg)	290	270	270	250	290
Total cloud cover (octa)	4	4	3	3	3

**Less possibility of rainfall is forecasted in the district by IMD & KAU.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
Banana	Sigatoka disease	Propping can be followed to reduce the damage due to high wind speed. There is a chance of sigatoka disease in banana. As a precaution, Spray 20 g <i>Pseudomonas</i> per one litre of water. There is a chance of hairy caterpillar in banana. Collect and destroy them.
Pepper	Foot rot	There is a chance of foot rot in pepper. 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.
Vegetables (cowpea, ivy gourd)	White fly Mealy bug Grass hopper	Due to increase in atmospheric temperature, the attack of insects such as whitefly, mealy bug and grass hopper was increased. They can be controlled by applying 2% neem oil emulsion once in a week.
Animal Husbandry		To prevent Seek advice ectoparasitic infestations. (CAADECCS, KVASU, Mannuthy)