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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 03/2019(5), Tuesday**

**15.01.2019**

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

The total rainfall received 0.0 mm. the maximum temperature ranges from 32.1°C to 34.0°C, minimum temperature ranges from 16.5°C to 21.3°C. Morning relative humidity ranges from 52% to 79% and afternoon relative humidity ranges from 27% to 58%. Wind speed ranges from 2.8 to 8.3 km/h. Bright sunshine hours range from 7.4 to 10.0 hours. Evaporation ranges from 3.4 to 5.8 mm.

**CURRENT SYNOPTIC SITUATION:** A trough in easterlies extending upto 0.9 km above mean sea level runs from Maldives area to southeast Arabian sea off Karnataka coast.

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

Weather parameters	16.01.2019	17.01.2019	18.01.2019	19.01.2019	20.01.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C )	33	33	33	33	33
Minimum temperature (°C )	21	21	21	21	21
Total cloud cover (octa)	2	3	2	2	2
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	35	35	35	35	35
Wind speed (kmph)	6	8	6	6	6
Wind direction (deg)	140	50	200	180	230

**No rainfall is forecasted for coming five days in the district by India Meteorological Department.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Milky stage	Rice bug	There is a chance of appearance of rice bug in paddy. To control them, spray 2 ml malathion per one litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
Coconut	-	Red palm weevil	Coconut palms are seen affected by red palm weevil. Remove the affected parts from crown and apply one ml imidacloprid /one litre of water at spindle leaf area.
Vegetables (cowpea)	-	Fruit fly	There is a chance of fruit fly in vegetables. Remove and destroy affected and decayed fruits. Use special pheromone traps like cue lure (6 nos/Acre) for vegetable fruit fly along with Thulasi/fruit traps. If the attack is not reduced, spray mixture of 2 ml malathion and 10 g jaggery in one litre of water during flowering and fruit initiation stage.
Animal Husbandry	Mix 30g sodium bicarbonate and 1 teaspoon yeast in the feed daily to avoid digestive disorders associated with excessive acidity. (CAADECCS, KVASU, Mannuthy)		