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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 09/2019(18), Friday**

**01.03.2019**

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

The total rainfall received 0.0 mm. the maximum temperature ranges from 34.3°C to 38.6°C, minimum temperature ranges from 19.8°C to 24.1°C. Morning relative humidity ranges from 48% to 91% and afternoon relative humidity ranges from 15% to 62%. Wind speed ranges from 2.3 to 8.2 km/h. Bright sunshine hours range from 6.4 to 10.8 hours. Evaporation ranges from 3.5 to 7.5 mm.

**CURRENT SYNOPTIC SITUATION:** A cyclonic circulation upto 1.5km above sea level lies over North interior Karnataka and adjoining Telangana and a trough runs from this cyclonic circulation to Comorin area across Rayalaseema and interior Tamil Nadu at 0.9 km above sea level. A cyclonic circulation at 1.5km above sea level lies over south east Arabian sea off south Kerala coast.

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

Weather parameters	02.03.2019	03.03.2019	04.03.2019	05.03.2019	06.03.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	36	36	36	36	36
Minimum temperature (°C)	23	23	23	23	23
Total cloud cover (octa)	4	4	4	4	4
Maximum Relative Humidity (%)	75	80	80	80	80
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	6	6	6	6	6
Wind direction (deg)	70	50	50	90	270

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

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Crop stage	Pest/ Disease	Advisories
Coconut	-	Management	Burying of fresh or dried coconut husk around the palm is a desirable practice particularly for moisture retention. The husk can be buried either in linear trenches taken 3 m away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 m from the trunk. The trenches may be of 0.5 m width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5-7 years. Instead of husk, coir pith can be buried @ 25 kg / palm/ year.
Banana	-	Spodoptera	Propping should be followed to reduce the damage due to high wind velocity. Destroy the affected leaf along with the Spodoptera. For severe attack, spray Flubendiamide (Fame) 2 ml/10 L of water.
Vegetables (cowpea)	Fruiting stage	Stunted growth	Due to the increase in atmospheric temperature, the attack of insects such as thrips, mite and white flies etc. are more. As a result of this, there is a chance of stunted growth in vegetables. They can be controlled by applying 10 gms of Verticillium in 1 litre of water or neem based insecticides can be applied.
Animal Husbandry	Allow the animal to graze early in the morning or in the evening to avoid direct sunlight (CAADECCS, KVASU, Mannuthy)		