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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 08/2019(16), Friday**

**22.02.2019**

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

The total rainfall received 0.0 mm. the maximum temperature ranges from 34.7°C to 36.5°C, minimum temperature ranges from 22.0°C to 24.7°C. Morning relative humidity ranges from 74% to 93% and afternoon relative humidity ranges from 24% to 57%. Wind speed ranges from 2.6 to 7.2 km/h. Bright sunshine hours range from 9.6 to 10.3 hours. Evaporation ranges from 3.6 to 4.8 mm.

**CURRENT SYNOPTIC SITUATION:** The trough at 0.9 km above mean sea level from Comorin area to north interior Karnataka now runs from Maldives area to north interior Karnataka across Kerala and coastal Karnataka .

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

Weather parameters	23.02.2019	24.02.2019	25.02.2019	26.02.2019	27.02.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C )	37	37	37	37	37
Minimum temperature (°C )	22	22	22	22	22
Total cloud cover (octa)	1	3	3	3	2
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	25	25	25	25	25
Wind speed (kmph)	8	10	14	14	14
Wind direction (deg)	70	90	70	270	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
Paddy	Harvesting stage	-	Second paddy crop is in Harvesting stage.
Coconut	-	Management	Mulching can be done with dried or green coconut leaves or coir pith to maintain moisture in coconut gardens. Lower one or two whirls can be cut off to prevent moisture loss from plant. Coconut stem up to two metres can be painted with slaked lime to prevent sun scorching. Organic content in the soil can be ensured for maintaining soil temperature. Drip irrigation shall be adopted.
Banana	-	Spodoptera	Propping should be followed to reduce the damage due to high wind velocity. Destroy the affected leafs 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	Ensure sufficient supply of clean drinking water to the animals.(CAADECCS, KVASU, Mannuthy)		