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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 12/2019(23), Tuesday**

**19.03.2019**

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

The total rainfall received 0.0 mm. the maximum temperature ranges from 37.8°C to 39.2°C, minimum temperature ranges from 21.8°C to 24.7°C. Morning relative humidity ranges from 63% to 89% and afternoon relative humidity ranges from 15% to 35%. Wind speed ranges from 2.5 to 4.4 km/h. Bright sunshine hours range from 6.6 to 10.1 hours. Evaporation ranges from 3.7 to 6.4 mm.

**CURRENT SYNOPTIC SITUATION:** A cyclonic circulation lies over North Interior Karnataka and neighbourhood extending upto 1.5 Km above mean sea level . A trough of low at mean sea level lies over Maldives area and adjoining Equatorial Indian ocean.

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

Weather parameters	20.03.2019	21.03.2019	22.03.2019	23.03.2019	24.03.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C )	38	38	38	38	38
Minimum temperature (°C )	25	25	25	25	25
Total cloud cover (octa)	3	5	6	3	1
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	45	45	45	45	45
Wind speed (kmph)	14	12	14	14	14
Wind direction (deg)	270	270	270	230	250

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

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Crop stage	Pest/ Disease	Advisories
Banana	-	Sigatoka disease	During this special weather condition, there is a chance of Sigatoka disease in banana. As a precaution, Spray 20 g <i>Pseudomonas</i> per one litre of water.
Coconut	-	Management	Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture. The husk can be buried either in linear trenches taken 3 meter away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 meter from the trunk. The trenches may be of 0.5 meter 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 to 7 years. Instead of husk, coir pith can be buried @ 25 kg/palm/year.
Vegetables (cowpea, ivy gourd)	Fruiting stage	Aphids	There is a chance of aphid attack in vegetables. Apply 2% neem oil emulsion or apply 20g <i>Verticillium lecanii</i> per one litre of water in ten days intervals. If aphid attack is severe, apply 3 ml imidacloprid or 2 g thiamethoxam per ten litre of water.
Animal Husbandry	Provide concentrate feed at the early morning before milking and in the night after 7'o clock. (CAADECCS, KVASU, Mannuthy)		