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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

AAS 17/2019(33), Monday

22.04.2019

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

The total rainfall received 57.4 mm. The maximum temperature ranges from 34.8°C to 37.5°C, minimum temperature ranges from 21.6°C to 26.8°C. Morning relative humidity ranges from 73 % to 99% and afternoon relative humidity ranges from 47% to 59%. Wind speed ranges from 1.2 to 3.1 km/h. Bright sunshine hours range from 4.0 to 10.0 hours. Evaporation ranges from 3.3 to 5.7 mm.

**CURRENT SYNOPTIC SITUATION:** A low pressure area is likely to develop over Equatorial Indian Ocean and adjoining south west Bay of Bengal to the south east of Sri Lanka around 25<sup>th</sup> April. It is likely to intensify into a depression during subsequent 48 hrs. It is very likely to move north westwards towards Tamil Nadu coast across east coast of Sri Lanka.

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

Weather parameters	23.04.2019	24.04.2019	25.04.2019	25.04.2019	26.04.2019
Rainfall (mm)	1	1	0.3	0.3	0
Maximum temperature (°C )	35	35	35	36	36
Minimum temperature (°C )	25	25	25	25	25
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	8	8	7	7	3
Wind direction (deg)	270	270	270	250	270
Total cloud cover (octa)	8	8	7	7	3

**Rain is forecasted in isolated places in the district by IMD & KAU.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
Coconut	Management	Since air temperature is increased, 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.
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.
Vegetables (Bhindi)	Jassid's	Due to increased atmospheric temperature, the attack of Jassid's in Bhindi was increased. They can be controlled by applying 2% neem oil emulsion once in a week or by spraying <i>Lecanicillium lecanii</i> at 20 g per litre of water.
Animal Husbandry	Assure increased ventilation in the shed. (CAADECCS, KVASU, Mannuthy)	