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Agromet Advisory Service Bulletin

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



THRISSUR DISTRICT

AAS 16/2019(31), Tuesday

16.04.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 35.5°C to 37.9°C, minimum temperature ranges from 25.4°C to 27.3°C. Morning relative humidity ranges from 85 % to 89% and afternoon relative humidity ranges from 47% to 57%. Wind speed ranges from 2.0 to 2.5 km/h. Bright sunshine hours range from 7.1 to 9.3 hours. Evaporation ranges from 4.7 to 5.5 mm.

CURRENT SYNOPTIC SITUATION: A trough/wind discontinuity runs from south interior Karnataka to Comorin area across interior Tamil Nadu extending upto 0.9km above mean sea level. A trough of low at mean sea level lies over equatorial Indian Ocean and adjoining southeast Bay of Bengal and south Andaman Sea.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	17.04.2019	18.04.2019	19.04.2019	20.04.2019	21.04.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	37	37	37	37	37
Minimum temperature (°C)	26	26	26	26	26
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	12	12	6	10	12
Wind direction (deg)	270	270	230	270	270
Total cloud cover (octa)	3	4	6	4	4

Less possibility of rainfall is forecasted in the district by IMD & KAU.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	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 (Bhindi)	Jassid's	Due to increase in 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)