



Kerala Agricultural University, Vellanikkara, Thrissur
Department of Agricultural Meteorology, College of Horticulture

Email: cohagmet@kau.in & kauagmet@yahoo.co.in

Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 15/2019(30), Friday

12.04.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 35.5°C to 37.0°C, minimum temperature ranges from 24.7°C to 26.6°C. Morning relative humidity ranges from 83 % to 87% and afternoon relative humidity ranges from 47% to 54%. Wind speed ranges from 2.2 to 2.8 km/h. Bright sunshine hours range from 5.5 to 9.4 hours. Evaporation ranges from 4.5 to 5.1 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation extending upto 1.5km above mean sea level lies over south Madhya Maharashtra and neighbourhood. A trough extending upto .9km above mean sea level runs from the above cyclonic circulation to Comorin area across interior Karnataka and interior Tamil Nadu. The north-south trough/ wind discontinuity from south interior Karnataka to Comorin area extending upto 0.9km above mean sea level has merged with the above system.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	13.04.2019	14.04.2019	15.04.2019	16.04.2019	17.04.2019
Rainfall (mm)	0	0	0	0.5	0
Maximum temperature (°C)	37	37	37	36	36
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)	10	10	10	10	10
Wind direction (deg)	270	270	270	250	270
Total cloud cover (octa)	4	3	4	7	4

Light rainfall is forecasted in isolated places of the district by IMD & KAU.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
Banana	Nematode	During this special weather condition, there is a chance of Nematode attack in banana. They can be controlled by applying 3 litre solution of 20 g Paecilomyces mixed in 1 litre of water to the basin of each plant.
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 Lecanicillium lecanii at 20 g per litre of water.
Animal Husbandry		Allow the animal to graze early in the morning or in the evening to avoid direct sunlight (CAADECCS, KVASU, Mannuthy)