



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(29), Tuesday

09.04.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 35.8°C to 36.9°C, minimum temperature ranges from 24.7°C to 26.7°C. Morning relative humidity ranges from 80 % to 87% and afternoon relative humidity ranges from 45% to 57%. 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 4.3 to 5.4 mm.

CURRENT SYNOPTIC SITUATION: A north-south trough/ wind discontinuity runs from south Madhya Maharashtra to Comorin area across interior Tamil Nadu and interior Karnataka at 1.5km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	10.04.2019	11.04.2019	12.04.2019	13.04.2019	14.04.2019
Rainfall (mm)	0	0	2	0	0
Maximum temperature (°C)	37	37	37	37	37
Minimum temperature (°C)	27	27	27	27	27
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	10	10	10	10	12
Wind direction (deg)	250	290	290	290	270
Total cloud cover (octa)	4	3	8	5	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)