



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

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

Agromet Advisory Service Bulletin

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



THRISSUR DISTRICT

AAS 14/2019(27), Tuesday

02.04.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 35.8.°C to 40.4°C, minimum temperature ranges from 25.5°C to 26.1°C. Morning relative humidity ranges from 82 % to 90% and afternoon relative humidity ranges from 44% to 57%. Wind speed ranges from 2.2 to 3.6 km/h. Bright sunshine hours range from 7.0 to 9.6 hours. Evaporation ranges from 4.3 to 5.8 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation extending upto 1.5 km above mean sea level lies over south Madhya Maharashtra and adjoining areas of North interior Karnataka and Marathwada. A trough runs from the above cyclonic circulation and extending upto 0.9km above mean sea level upto Comorin area across interior Karantaka and interior Tamil Nadu.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	03.04.2019	04.04.2019	05.04.2019	06.04.2019	07.04.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	36	36	36	36	36
Minimum temperature (°C)	25	25	25	25	25
Total cloud cover (octa)	3	3	6	4	3
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	10	10	10	12	12
Wind direction (deg)	290	270	270	270	290

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
Banana	Rhizome Weevil	During this special weather condition, there is a chance of Rhizome Weevil attack in banana. As a precaution, apply neemcake @ 1 kg/plant at the time of planting. Cut and remove the outer layer of the rhizome and sundry for 3-4 days after smearing it with slurry of cow dung and ash.
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, Chilly, Brinjal)	Sucking Pest	Due to increase in atmospheric temperature, the attack of sucking pest 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)