



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 14/2020, (27) Tuesday

31.03.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 34.1°C to 37.7 °C, minimum temperature ranges from 23.5°C to 25.3°C. Morning relative humidity ranges from 71% to 92% and afternoon relative humidity ranges from 29% to 60%. Wind speed ranges from 1.4 to 3.7 km/h. Bright sunshine hours range from 2.0 to 9.8 hours. Evaporation ranges from 3.2 to 5.4 mm.

CURRENT SYNOPTIC SITUATION: A trough at 0.9 km above mean sea level runs from South Interior Karnataka to the cyclonic circulation over southwest Madhya Pradesh & adjoining Vidarbha across North Interior Karnataka and Marathwada. A cyclonic circulation lies over south coastal Tamilnadu & neighbourhood extending upto 1.5 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	01.04.2020	02.04.2020	03.04.2020	04.04.2020	05.04.2020
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C)	38	38	37	37	37
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	12	14	14	12	14
Wind direction (deg)	230	200	250	230	230
Total cloud cover (octa)	6	1	4	7	7

As per the forecast of IMD & KAU, no rainfall is forecasted in the district. Irrigation can be given to the agricultural crops and mulching can be practiced to conserve soil moisture.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
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.
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.
Vegetables	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 lecani at 20 gm 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)

