



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

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 14/2021, (28)Thursday

01.04.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 35. 0°C to 38.5°C, minimum temperature ranges from 21.7°C to 25.4°C. Morning relative humidity ranges from 79% to 93% and afternoon relative humidity ranges from 33% to 62%. Wind speed ranges from 2.0 to 3.3 km/h. Bright sunshine hours range from 4.5 to 9.0 hours. Evaporation ranges from 4.1 to 5.5 mm.

CURRENT SYNOPTIC SITUATION : A Low Pressure Area over south Andaman Sea & neighbourhood. The associated cyclonic circulation extends upto 5.8 km above mean sea level . A cyclonic circulation lies over Sri Lanka and adjoining Comorin area between 1.5 km & 3.6 km above mean sea level. A north-south trough from North Interior Karnataka to south Tamil nadu and extends upto 1.5 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	02.04.2021	03.04.2021	04.04.2021	05.04.2021	06.04.2021
Rainfall (mm)	2	0.1	0	0.1	0.1
Maximum temperature(°C)	34	36	37	38	38
Minimum temperature (°C)	26	25	25	25	25
Maximum Relative Humidity (%)	71	71	71	71	71
Minimum Relative Humidity (%)	45	45	45	45	45
Wind speed (kmph)	4	8	8	8	6
Wind direction (deg)	270	290	290	290	290
Total cloud cover (octa)	6	3	4	7	8

Light rainfall is forecasted in isolated places of the district by IMD & KAU. Below normal rainfall is expected in Kerala.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Precaution should be taken during drying of agricultural products and spraying of pesticides.		
Banana	Rhizome Weevil	During this special weather condition, there is a chance of Rhizome Weevil attack in banana. As a precaution, apply neem cake @ 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	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	