



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 13/2019(25), Tuesday

26.03.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 35.1°C to 37.7°C, minimum temperature ranges from 24.1°C to 25.9°C. Morning relative humidity ranges from 81% to 92% and afternoon relative humidity ranges from 22% to 58%. Wind speed ranges from 2.4 to 3.2 km/h. Bright sunshine hours range from 6.3 to 9.3 hours. Evaporation ranges from 4.2 to 5.2 mm.

CURRENT SYNOPTIC SITUATION: A trough extending upto 0.9 km above mean sea level runs from Lakshadweep area to east Madhya Pradesh across North Interior Karnataka , Marathwada & Vidarbha.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	27.03.2019	28.03.2019	29.03.2019	30.03.2019	31.03.2019
Rainfall (mm)	0	0.2	0	0	0
Maximum temperature (°C)	40	39	39	38	38
Minimum temperature (°C)	25	26	25	25	25
Total cloud cover (octa)	3	6	4	4	4
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	14	14	14	14	12
Wind direction (deg)	270	290	270	270	270

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Banana	-	Sigatoka disease	During this special weather condition, there is a chance of sigatoka disease in banana. As a precaution, Spray 20 g <i>Pseudomonas</i> per one litre of water.
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 (cowpea, ivy gourd)	Fruiting stage	White fly Mealy bug Grass hopper	Due to increase in atmospheric temperature, the attack of insects such as whitefly, mealy bug and grass hopper was increased. They can be controlled by applying 2% neem oil emulsion once in a week.
Animal Husbandry	Allow the animal to graze early in the morning or in the evening to avoid direct sunlight (CAADECCS, KVASU, Mannuthy)		