



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 18/2020, (36) Thursday

30.04.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 29.4 mm. The maximum temperature ranges from 35.3°C to 36.3°C, minimum temperature ranges from 22.2°C to 25.8°C. Morning relative humidity ranges from 86% to 93% and afternoon relative humidity ranges from 49% to 98%. Wind speed ranges from 1.8 to 3.3 km/h. Bright sunshine hours range from 2.8 to 10.2 hours. Evaporation ranges from 2.8 to 5.1 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over south Andaman Sea & neighbourhood extending upto 4.5 km above mean sea level. A trough/wind discontinuity runs from south east Rajasthan to north interior Tamil Nadu across west Madhya Pradesh, Madhya Maharashtra and Interior Karnataka. A cyclonic circulation extending upto 1.5 km above mean sea level lies over Comorin area & neighbourhood.

HEAVY RAINFALL WARNING:

DAY 1: Heavy rainfall (7-11cm in 24 hrs.) is very likely to occur at one or two places in the districts of Thiruvananthapuram, Pathanamthitta, Idukki, Ernakulam, Thrissur, Palakkad & Malappuram.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	01.05.2020	02.05.2020	03.05.2020	04.05.2020	05.05.2020
Rainfall (mm)	20	4	0	0	2
Maximum temperature(°C)	35	35	35	35	35
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	66	66	66	66	66
Wind speed (kmph)	8	10	10	10	12
Wind direction (deg)	290	270	320	290	270
Total cloud cover (octa)	8	7	6	6	7

As per the forecast of IMD & KAU, there is a chance of moderate rainfall in isolated places of the district. Harvesting is recommended in matured paddy crop. Dried hay, copra, arecanut, etc should be protected from summer rain. 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	Pseudo stem weevil	There is a chance of pseudo stem weevil attack in banana. As a precaution, apply 50 g neem cake powder in leaf axils.
Ginger/Turmeric	-	Prepare land for ginger and turmeric. To avoid foot rot in ginger, sock the suckers in 0.3% mancozeb/ pseudomonas solution for 30 minutes.
Vegetables	-	Addition of pseudomonas culture to the soil at the time of planting of vegetables will help to reduce fungal diseases.