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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 13/2020, (26) Friday

27.03.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 21.8 mm. The maximum temperature ranges from 34.1°C to 38.0 °C, minimum temperature ranges from 20.8°C to 25.3°C. Morning relative humidity ranges from 84% to 92% and afternoon relative humidity ranges from 37% to 62%. Wind speed ranges from 1.4 to 3.3 km/h. Bright sunshine hours range from 2.0 to 9.0 hours. Evaporation ranges from 3.2 to 5.9 mm.

CURRENT SYNOPTIC SITUATION: An upper air cyclonic circulation lies over Lakshadweep area & neighbourhood at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	28.03.2020	29.03.2020	30.03.2020	31.03.2020	01.04.2020
Rainfall (mm)	0.5	0	0	0	0
Maximum temperature(°C)	37	37	37	37	37
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	83	83	83	83	83
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	4	6	6	8	6
Wind direction (deg)	250	270	270	270	270
Total cloud cover (octa)	7	6	6	6	6

As per the forecast of IMD & KAU, there is a less chance of rainfall 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.		
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	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)