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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 16/2020, (31) Monday

13.04.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 15.3 mm. The maximum temperature ranges from 29.8°C to 37.1 °C, minimum temperature ranges from 23.4°C to 24.9°C. Morning relative humidity ranges from 72% to 98% and afternoon relative humidity ranges from 36% to 76%. Wind speed ranges from 0.9 to 5.6 km/h. Bright sunshine hours range from 0.0 to 9.8 hours. Evaporation ranges from 1.8 to 5.2 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over southeast Arabian Sea off Kerala coast between 4.5 & 5.8 km above mean sea level. Another cyclonic circulation lies over Comorin area and neighbourhood extending upto 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	14.04.2020	15.04.2020	16.04.2020	17.04.2020	18.04.2020
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C)	38	38	38	38	38
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	74	74	74	74	74
Minimum Relative Humidity (%)	61	61	61	61	61
Wind speed (kmph)	14	16	14	14	12
Wind direction (deg)	250	250	270	270	270
Total cloud cover (octa)	6	5	6	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	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.
	Panama wilt	There is a chance of panama wilt in banana varieties like poovan, kadali etc. Drench the soil with 1 g of carbendazim in one litre of water.
Vegetables	Mosaic virus	There is a chance of mosaic virus attack in vegetables. As a precaution, spray 2% neem oil garlic emulsion once a week.