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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 18/2020, (35) Tuesday

28.04.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 17.4 mm. The maximum temperature ranges from 35.3°C to 39.4°C, minimum temperature ranges from 22.7°C to 25.9°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 3.1 km/h. Bright sunshine hours range from 2.8 to 9.5 hours. Evaporation ranges from 2.8 to 5.7 mm.

CURRENT SYNOPTIC SITUATION: A trough/wind discontinuity at 0.9 km above mean sea level from runs from southwest Madhya Pradesh to south Tamilnadu across west Vidarbha, north Madhya Maharashtra, Marathwada and Interior Karnataka. A cyclonic circulation between 1.5 & 2.1 km above mean sea level lies over southeast Sri Lanka & neighbourhood. A cyclonic circulation over Malacca strait and neighbourhood seen between 0.9 & 5.8 km above mean sea level. A cyclonic circulation between 1.5 & 2.1 km above mean sea level lies over southeast Sri Lanka & neighbourhood.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	29.04.2020	30.04.2020	01.05.2020	02.05.2020	03.05.2020
Rainfall (mm)	3	3	7	0	16
Maximum temperature(°C)	36	36	36	36	36
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	59	59	59	59	59
Wind speed (kmph)	10	10	8	12	8
Wind direction (deg)	270	250	250	270	270
Total cloud cover (octa)	8	8	8	7	8

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.