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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 12/2020, (24)Friday

20.03.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 36.0°C to 38.7 °C, minimum temperature ranges from 23.0°C to 25.2°C. Morning relative humidity ranges from 71 % to 92% and afternoon relative humidity ranges from 24% to 55%. Wind speed ranges from 2.2 to 5.7 km/h. Bright sunshine hours range from 7.9 to 10.3 hours. Evaporation ranges from 4.5 to 6.9 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over west Vidarbha and neighbourhood extending upto 1.5 km above mean sea level. A wind discontinuity runs from north Interior Karnataka to south Tamil Nadu across south Interior Karnataka at 0.9 km above mean sea level. A 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	21.03.2020	22.03.2020	23.03.2020	24.03.2020	25.03.2020
Rainfall (mm)	2	2	0	0	0.6
Maximum temperature(°C)	38	38	38	38	38
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	88	88	88	88	88
Minimum Relative Humidity (%)	35	35	35	35	35
Wind speed (kmph)	10	8	10	8	10
Wind direction (deg)	270	250	250	230	250
Total cloud cover (octa)	7	7	2	2	7

Light rainfall is forecasted in isolated places of the district by IMD & KAU. Irrigation can be given if necessary.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Banana	Mites	There is a chance of mites on the leaves of Banana.Spray 3 gram wettable sulphur per one litre of water on lower sides of the leaves.
Coconut	White fly	There is a chance of whitefly attack on coconut leaves during dry spell and they are controlled by beneficiary insects available in nature. If the whitefly attack is severe, spray 2% neem oil emulsion on the leaves.
	Sooty mould	There is a chance of sooty mould in coconut leaves during dry spell. Apply starch solution to control them.
Chilli	White fly	There is a chance of white fly attack in chilli. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.
Animal Husbandry		Give 30g sodium bicarbonate with one tea spoon yeast mixed in feed to avoid indigestion and acidity. (CAADECCS, KVASU, Mannuthy)