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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 11/2020, (22)Friday

13.03.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 11.6 mm. The maximum temperature ranges from 34.7°C to 36.9°C, minimum temperature ranges from 23.5°C to 25.4°C. Morning relative humidity ranges from 87 % to 96% and afternoon relative humidity ranges from 43% to 59%. Wind speed ranges from 1.8 to 3.0 km/h. Bright sunshine hours range from 7.2 to 9.3 hours. Evaporation ranges from 3.7 to 5.0 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over south Tamil Nadu and adjoining Comorin area extending upto 0.9 km above mean sea level. A trough/wind discontinuity runs from above cyclonic circulation to north Interior Karnataka at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	14.03.2020	15.03.2020	16.03.2020	17.03.2020	18.03.2020
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C)	36	36	36	36	36
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	63	63	63	63	63
Wind speed (kmph)	12	12	12	12	8
Wind direction (deg)	250	230	250	250	70
Total cloud cover (octa)	1	1	2	2	1

As per the forecast of IMD & KAU, due to no rainfall, irrigation should be given to the crops in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice (Mundakan) Harvesting stage	-	Rice is in harvesting stage.
Banana	-	Boron deficiency is seen more during dry weather. Spray one gram borax per one litre of water.
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.
Cucumber	Pumpkin Beetle	Sowing of cucumber can be done. Apply neem cake at the base for preventing pumpkin beetle.
Animal Husbandry		Give 30g sodium bicarbonate with one tea spoon yeast mixed in feed to avoid indigestion and acidity. (CAADECCS, KVASU, Mannuthy)