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Agromet Advisory Service Bulletin

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



THRISSUR DISTRICT

AAS 08/2020, (16)Thursday

20.02.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 35.1°C to 36.5°C, minimum temperature ranges from 21.5°C to 24.2°C. Morning relative humidity ranges from 57 % to 67% and afternoon relative humidity ranges from 27% to 40%. Wind speed ranges from 1.2 to 7.6 km/h. Bright sunshine hours range from 9.2 to 10.8 hours. Evaporation ranges from 4.9 to 7.2 mm.

CURRENT SYNOPTIC SITUATION: A trough in easterlies runs from Interior Tamil Nadu to north Interior Karnataka across south Interior Karnataka at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	21.02.2020	22.02.2020	23.02.2020	24.02.2020	25.02.2020
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C)	36	36	36	36	36
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	60	60	60	60	60
Minimum Relative Humidity (%)	30	30	30	30	30
Wind speed (kmph)	8	10	6	10	8
Wind direction (deg)	50	50	50	50	50
Total cloud cover (octa)	1	2	1	1	1

As per the forecast of IMD & KAU, since there is no chance for rainfall, irrigation to the crops to be continued 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 bug	There is a chance of appearance of rice bug in paddy. To control, spray 2 ml malathion per one litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
Banana	-	Boron deficiency is seen more during dry weather. Spray one gram borax per one litre of water.
Vegetables	White fly	There is a chance of white fly attack in vegetables. Apply 2% neem oil garlic emulsion or spray 20g Lecanicillium lecanii per one litre of water in ten days intervals.
Animal Husbandry		Deworming of animals should be done only after dung sample examination. In calves first dose of medicine should be given within 15 days of age. (CAADECCS, KVASU, Mannuthy)