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Agromet Advisory Service Bulletin

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CHALAKUDY BLOCK, THRISSUR DISTRICT

AAS 05/2020, (10) Friday

31.01.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 34.0°C to 35.7°C, minimum temperature ranges from 20.5°C to 24.3°C. Morning relative humidity ranges from 66 % to 93% and afternoon relative humidity ranges from 27% to 47%. Wind speed ranges from 1.9 to 11.9 km/h. Bright sunshine hours range from 8.4 to 10.0 hours. Evaporation ranges from 3.2 to 6.8 mm.

CURRENT SYNOPTIC SITUATION: Relatively dry air prevails over Kerala.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	01.02.2020	02.02.2020	03.02.2020	04.02.2020	05.02.2020
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C)	36	36	36	36	36
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	82	82	82	82	82
Minimum Relative Humidity (%)	56	56	56	56	56
Wind speed (kmph)	14	14	14	12	14
Wind direction (deg)	270	270	270	250	250
Total cloud cover (octa)	2	2	1	1	1

As per the forecast of IMD & KAU, due to no rainfall and prevailing dry weather conditions, irrigation of 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) Milky 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.
Chilli	White fly	There is a chance of white fly attack in chilli. Apply 2% neem oil garlic emulsion or spray 20g Lecanicillium lecanii per one litre of water in ten days intervals.
Animal Husbandry		Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. (CAADECCS, KVASU, Mannuthy)