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**Agromet Advisory Service Bulletin**

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



**THRISSUR DISTRICT – CHALAKKUDY BLOCK**

AAS 06/2020, (11)Tuesday

04.02.2020

**SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:**

The total rainfall received 0.0 mm. The maximum temperature ranges from 34.0°C to 35.9°C, minimum temperature ranges from 21.0°C to 23.2°C. Morning relative humidity ranges from 73 % to 93% and afternoon relative humidity ranges from 36% to 46%. Wind speed ranges from 1.9 to 5.9 km/h. Bright sunshine hours range from 6.4 to 9.8 hours. Evaporation ranges from 3.2 to 5.0 mm.

**CURRENT SYNOPTIC SITUATION:** A cyclonic circulation lies over southwest Madhya Pradesh and neighbourhood extending upto 1.5 km above mean sea level. A trough in Easterlies runs from the above cyclonic circulation over southwest Madhya Pradesh to south interior Karnataka across Madhya Maharashtra and north interior Karnataka extending upto 0.9 km above mean sea level.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	05.02.2020	06.02.2020	07.02.2020	08.02.2020	09.02.2020
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C )	35	35	35	35	35
Minimum temperature (°C )	23	23	23	23	23
Maximum Relative Humidity (%)	72	72	72	72	72
Minimum Relative Humidity (%)	44	44	44	44	44
Wind speed (kmph)	14	14	12	8	16
Wind direction (deg)	270	250	250	250	320
Total cloud cover (octa)	2	2	5	4	3

**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
<b>General Advisories:</b> 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.
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.
Banana	-	Boron deficiency is seen more during dry weather. Spray one gram borax per one litre of water.
Animal Husbandry		Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. If needed give medicine against worm infestation after dung examination.(CAADECCS, KVASU, Mannuthy)