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Block Level Experimental Agromet Advisory Bulletin

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



CHALAKUDY BLOCK, THRISSUR DISTRICT

AAS 34/2018(67), Tuesday

21.08.2018

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 605.1 mm. the maximum temperature ranges from 25.3°C to 29.9°C, minimum temperature ranges from 21.0°C to 22.3°C. Morning relative humidity ranges from 95% to 98% and afternoon relative humidity ranges from 72% to 98%. Wind speed ranges from 0.9 to 2.7 km/h. Bright sunshine hours range from 0.0 to 3.1 hours. Evaporation ranges from 0.5 to 2.8 mm.

CURRENT SYNOPTIC SITUATION:

A low Pressure area lies over central parts of North Madhya Pradesh and neighbourhood with associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwestwards with height. Another cyclonic circulation lies over over south east Arabian sea off Kerala coast at 7.6 km above mean sea level .

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	22.08.2018	23.08.2018	24.08.2018	25.08.2018	26.08.2018
Rainfall (mm)	10	5	6	7	8
Maximum temperature (°C)	31	32	33	33	33
Minimum temperature (°C)	24	24	24	24	24
Total cloud cover (octa)	7	7	6	5	5
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	006	006	006	006	006
Wind direction (deg)	290	290	290	290	290

Below normal rainfall is expected in Kerala for the coming week.

Light rainfall is expected in Chalakudy Block for coming days.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Milky stage	Rice bug	To control rice bug in paddy, spray 2 ml malathion per 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	Bunching stage	Sigatoka disease	Due to monsoon showers, there is a chance of Sigatoka disease in banana. As a precaution, Spray <i>Pseudomonas</i> 20g/litre. In case of severe attack, spray 2 ml <i>hexaconazole</i> or 1 ml <i>propiconazole</i> per one litre of water by mixing it with a sticker and spray on both the surface of the leaf.
Pepper	-	Foot rot	Due to continous rain, there is a chance of foot rot in pepper. Add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg Neemcake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper. Severly affected pepper vines should be sprayed with and soil should be drenched with 1% Bordeaux mixture or 20 g <i>Pseudomonas fluorescens</i> or 2.5 g copper oxychloride or 2 g copper hydroxide in one litre of water.
Animal Husbandry	Avoid grazing of the animals in waterlogged areas. Farmers should be aware of leptospirosis (CAADECCS, KVASU, Mannuthy)		