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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 36/2018(72), Friday

07.09.2018

The Agricultural advisory of this bulletin is not applicable in flood-affected areas.

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.3 mm. the maximum temperature ranges from 30.7°C to 33.9°C, minimum temperature ranges from 22.2°C to 23.5°C. Morning relative humidity ranges from 90% to 97% and afternoon relative humidity ranges from 53% to 72%. Wind speed ranges from 1.5 to 2.1 km/h. Bright sunshine hours range from 1.7 to 10.1 hours. Evaporation ranges from 2.5 to 3.9 mm.

CURRENT SYNOPTIC SITUATION:

A depression lies over north Chattisgarh and neighbourhood near lat 22.9 deg N/ long 83.3 deg E about 30 km south of Ambikapur and 140 km east of Pendra Road(Chattisgarh).

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	08.09.2018	09.09.2018	10.09.2018	11.09.2018	12.09.2018
Rainfall (mm)	2	0	2	0	0
Maximum temperature (°C)	32	33	33	34	34
Minimum temperature (°C)	23	23	23	24	24
Total cloud cover (octa)	5	5	5	5	5
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	008	008	008	008	008
Wind direction (deg)	290	290	290	290	290

Very light rainfall is expected in Chalakudy Block for coming days.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Milky stage	Bacterial Leaf blight	To control Bacterial Leaf blight in paddy, mix 200 g of cow dung in 1 litre of water and spray the supernatant liquid by mixing with 20g pseudomonas twice at 10 days interval.
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)		