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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 38/2018(75), Tuesday

18.09.2018

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 32.0°C to 32.8°C, minimum temperature ranges from 21.6°C to 23.4°C. Morning relative humidity ranges from 87% to 96% and afternoon relative humidity ranges from 52% to 75%. Wind speed ranges from 0.4 to 1.8 km/h. Bright sunshine hours range from 0.2 to 10.4 hours. Evaporation ranges from 1.5 to 4.2 mm.

CURRENT SYNOPTIC SITUATION: A Cyclonic circulation lies over central Bay of Bengal and neighbourhood extending upto 7.6 km above mean sea level tilting southwestwards with height.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	19.09.2018	20.09.2018	21.09.2018	22.09.2018	23.09.2018
Rainfall (mm)	1	1	0	0	0
Maximum temperature (°C)	32.0	32.2	32.3	32.2	32.0
Minimum temperature (°C)	22.6	22.5	22.6	22.5	22.5
Total cloud cover (octa)	6	6	6	6	6
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	7	7	6	6	6
Wind direction (deg)	290	290	290	290	290

Light rainfall in first 2 days and no rainfall in the coming 3 days were forecasted in Thrissur district by India Meteorological Department.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Harvesting stage	Bacterial Leaf blight	As a prophylactic measure, to control Bacterial Leaf blight in paddy, mix 20 g of cow dung in 1 litre of water and spray the supernatant liquid by mixing with 20g pseudomonas twice at 10 days interval. Spray 6 g Streptocycline in 20 litre of water to control Bacterial leaf blight in severely affected fields.
Coconut	-	White fly	To control white fly, spray the mixture of 2% neem oil emulsion with 20 g of biocontrol agent (Lecanicillium) on lower sides of leaves.
Pepper	-	Foot rot	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 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	<ul style="list-style-type: none"> Care should be taken against leptospirosis and ecto-parasites. External wounds need visual attention. Maintain cleanliness of the cattle barn and premises. (CAADECCS, KVASU, Mannuthy)		