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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 37/2018(73), Tuesday

11.09.2018

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 0.5 mm. the maximum temperature ranges from 31.4°C to 32.4°C, minimum temperature ranges from 21.0°C to 23.0°C. Morning relative humidity ranges from 88% to 95% and afternoon relative humidity ranges from 51% to 65%. Wind speed ranges from 2.0 to 2.2 km/h. Bright sunshine hours range from 7.6 to 10.3 hours. Evaporation ranges from 3.4 to 4.2 mm.

CURRENT SYNOPTIC SITUATION: A trough of low runs from north interior Karnataka to Comorin area across south interior Karnataka and interior Tamil Nadu and extends upto 0.9km above mean sea level. A Cyclonic circulation lies over south east and adjoining east central Arabian Sea off Karnataka coast between 1.5 & 2.1km above mean sea level. A Cyclonic circulation at 5.8km above mean sea level lies over North Tamil Nadu and neighbourhood.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	12.09.2018	13.09.2018	14.09.2018	15.09.2018	16.09.2018
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	34	34	34	34	34
Minimum temperature (°C)	23	23	23	23	23
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)	006	006	006	006	006
Wind direction (deg)	290	290	290	290	290

No rainfall is forecasted for coming five days in Chalakudy Block by India Meteorological Department.

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	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	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. <p>(CAADECCS, KVASU, Mannuthy)</p>		