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Block Level Experimental Agromet Advisory Bulletin

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CHALAKUDY BLOCK, THRISSUR DISTRICT

AAS 27/2018(54), Friday

06.07.2018

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 33.4 mm. the maximum temperature ranges from 29.0°C to 32.7°C, minimum temperature ranges from 21.7°C to 23.7°C. Morning relative humidity ranges from 90% to 97% and afternoon relative humidity ranges from 61% to 95%. Wind speed ranges from 0.2 to 2.0 km/h. Bright sunshine hours range from 0.0 to 8.7 hours. Evaporation ranges from 1.2 to 3.5 mm.

CURRENT SYNOPTIC SITUATION: A feeble Offshore trough at mean sea level runs from south Gujarat coast to north Kerala coast. The cyclonic circulation 7.6 km above mean sea level lies over Marathwada and neighbourhood.

Heavy Rainfall warning: Day 2,3&4: Heavy rainfall is most likely to occur at one or two places in Kerala.
Day 5: Heavy to very heavy rainfall is most likely to occur at one or two places in Kerala.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	07.07.2018	08.07.2018	09.07.2018	10.07.2018	11.07.2018
Rainfall (mm)	10	15	20	30	42
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	22	22	22	22	22
Total cloud cover (octa)	6	6	7	7	7
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	65	65	65	70	70
Wind speed (kmph)	008	008	008	008	008
Wind direction (deg)	250	250	250	250	250

Below Normal rainfall is expected in Kerala for the coming week.
Moderate rainfall is expected in Chalakudy Block for coming days.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Rice	Tillering stage	Leaf folder	Due to continuous cloudy weather condition, there is a chance of leaf folder attack in paddy. Use 2CC trichogramma cards per acre. Cut the cards in to small pieces and fix in different parts of the field. If the attack is severe, spray flubendiamide 1ml per 10 litre of water or chlorantraniliprole 3ml per 10 litre of water.
Banana	Bunch emergence stage	Pseudostem weevil	If infestation of pseudostem weevil is noticed, spray 2.5 ml of chlorpyrifos or 2 ml of quinalphos per one litre of water in leaf axils and by inserting the nozzle through the boreholes made by the larvae.
Vegetables (cowpea)	Flowering/Fruiting stage	Thrips and Mite	There is a chance for the attack of thrips and mites in vegetables. Apply Spiromesifen 8 ml/10 L of water.
Animal Husbandry	Ensure sufficient supply of clean drinking water to the animals. Take measures for preventing mosquito breeding in the premises. (CAADECCS, KVASU, Mannuthy)		