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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 40/2018(80), Friday

05.10.2018

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 111.2 mm. the maximum temperature ranges from 32.8°C to 34.4°C, minimum temperature ranges from 18.0°C to 23.4°C. Morning relative humidity ranges from 81% to 96% and afternoon relative humidity ranges from 56% to 75%. Wind speed ranges from 1.2 to 2.2 km/h. Bright sunshine hours range from 2.0 to 7.4 hours. Evaporation ranges from 2.1 to 3.3 mm.

CURRENT SYNOPTIC SITUATION: A Low Pressure area lies over south east Arabian sea and neighbourhood. Associated Cyclonic circulation extends upto 7.6km above mean sea level. A Cyclonic circulation extending upto 0.9km above mean sea level lies over south coastal Tamil Nadu and neighbourhood.

Heavy Rainfall Warning :

Day 1& 2 : Heavy to very heavy rainfall is most likely to occur at isolated places in Kerala.

Day 3 : Heavy to very heavy with extremely heavy rainfall is most likely to occur at isolated places in Kerala

Day 4.: Heavy to very heavy rainfall is most likely to occur at isolated places in Kerala.

Day 5 : Heavy rainfall is most likely to occur at isolated places in Kerala.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	06.10.2018	07.10.2018	08.10.2018	09.10.2018	10.10.2018
Rainfall (mm)	30	16	35	32	3
Maximum temperature (°C)	33.4	33.5	33.6	33.7	33.0
Minimum temperature (°C)	20.4	20.6	20.8	20.9	21.0
Total cloud cover (octa)	7	7	7	7	7
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	006	006	006	006	006
Wind direction (deg)	230	230	230	230	230

As per IMD forecast, moderate rainfall is expected for coming days in Chalakudy Block

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
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.
Paddy	Harvesting stage	Leaf folder and Stem borer	As a prophylactic measure, apply 2CC trichogramma cards per acre to control leaf folder and stem borer. Cut the cards in to small pieces and fix in different parts of the field in plastic cups. If the attack is severe, spray 3ml chlorantraniliprole per 10 litre of water. Land preparation for second paddy crop can be started.
Vegetables (cowpea)	Fruiting stage	Shoot and Fruit borer	Shoot and fruit borer affected parts in cowpea can be removed. Apply 5% Neem Kernel Suspension to control shoot and fruit borer in the initial stage. Spray Flubendamide 2ml/10L of water or Chlorantraniliprole 3 ml/10L if the attack is severe.
Animal Husbandry	<ul style="list-style-type: none"> Animal should not be left to graze under hot sun from morning 10.00 AM to evening 3.00 PM. Concentrate feed should be sun dried regularly to avoid mould growth Deworm the animals and birds and vaccinate them against infectious diseases. (CAADECCS, KVASU, Mannuthy)		