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Block Level Experimental Agromet Advisory Bulletin

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



IRINJALAKUDA BLOCK, THRISSUR DISTRICT

AAS 28/2018(55), Tuesday

10.07.2018

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 105.2 mm. the maximum temperature ranges from 29.7°C to 32.7°C, minimum temperature ranges from 21.5°C to 24.3°C. Morning relative humidity ranges from 90% to 98% and afternoon relative humidity ranges from 57% to 95%. Wind speed ranges from 1.6 to 2.4 km/h. Bright sunshine hours range from 0.0 to 8.7 hours. Evaporation ranges from 2.7 to 3.7 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Chhattisgarh and adjoining east Madhya Pradesh and extends upto 2.1 km above mean sea level. Another cyclonic circulation lies over south Odisha & neighbourhood between 3.1 and 5.8 km above mean sea level. The off-Shore trough off Karnataka – Kerala coast persists. A cyclonic circulation at 7.6 km mean sea level lies over north Kerala & neighbourhood.

Heavy Rainfall warning: Day 1,2: Heavy to very heavy rainfall is most likely to occur at one or two places and heavy rainfall at a few places in Kerala.

Day 2,3&5: Heavy rainfall is most likely to occur at one or two places in Kerala

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	11.07.2018	12.07.2018	13.07.2018	14.07.2018	15.07.2018
Rainfall (mm)	45	40	35	40	40
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	23	23	23	23	24
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)	290	290	290	290	290

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Rice	Tillering stage	Leaf folder	Due to continuous rain and cloudy 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 in plastic cups. 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	Spodoptera	Destroy the affected leafs along with the <i>Spodoptera</i> . For severe attack, spray Flubendiamide (Fame) 2 ml/10 L of water.
Coconut	-	Bud rot	Bud rot disease is seen in coconut palm due to continuous rainfall and water logging. Small-perforated sachets containing 2 g of mancozeb may be tied to the top of leaf axil. When it rains, a small quantity of the fungicide is released from the sachets to the leaf base thus protecting the palm.
Animal Husbandry	Ensure sufficient supply of clean drinking water to the animals. Take measures for preventing mosquito breeding in the premises. (CAADECCS, KVASU, Mannuthy)		