



Kerala Agricultural University, Vellanikkara, Thrissur
Department of Agricultural Meteorology, College of Horticulture

Email: cohagmet@kau.in & kauagmet@yahoo.co.in

Block Level Experimental Agromet Advisory Bulletin

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



IRINJALAKUDA BLOCK, THRISSUR DISTRICT

AAS 32/2018(63), Tuesday

07.08.2018

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 86.9 mm. the maximum temperature ranges from 29.9°C to 31.4°C, minimum temperature ranges from 22.7°C to 23.5°C. Morning relative humidity ranges from 93% to 98% and afternoon relative humidity ranges from 66% to 97%. Wind speed ranges from 0.8 to 1.9 km/h. Bright sunshine hours range from 0.0 to 4.7 hours. Evaporation ranges from 1.7 to 2.9 mm.

CURRENT SYNOPTIC SITUATION: A well marked low pressure area lies over northwest Bay of Bengal and adjoining West Bengal & Odisha coast with associated cyclonic circulation extending upto 7.6 km above mean sea level tilting Southwestwards with height.

Heavy Rainfall warning: Day1,2 & 3: Heavy rainfall is most likely to occur at one or two places in Kerala.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	08.08.2018	09.08.2018	10.08.2018	11.08.2018	12.08.2018
Rainfall (mm)	16	20	5	6	5
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	22	22	22	22	22
Total cloud cover (octa)	7	7	7	7	7
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	006	006	006	006	006
Wind direction (deg)	290	290	290	290	290

There is a chance of moderate rain in first two days and light rain in next three days. If pesticide spraying is needed to the crops, it can be carried out during sunny time.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Panicle initiation	Leaf folder and Stem borer	Due to continuous cloudy condition, there is a chance of leaf folder attack in paddy. Use 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 chlorantraniliprole 3ml per 10 litre of water.
Banana	Bunching 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)	Fruiting stage	Damping off and Rhizoctonia root rot	Due to continuous rain and water stagnation, there is a chance of Damping off. Rhizoctonia root rot are also noticed at times in vegetables. Drench the soil with 1.5 g copper hydroxide or 2.5 g copper oxychloride per one litre of water to control damping off and drench with 1 g carbendazim or 2 g SAAF per one litre of water to control Rhizoctonia root rot.
Animal Husbandry	Thoroughly wash the udder of the cow and hands of milking person prior to milking. Dip the teats in 1:1000 potassium permanganate solution after milking. (CAADECCS, KVASU, Mannuthy)		