



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

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

Agromet Advisory Service Bulletin

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OLLUKKARA BLOCK, THRISSUR DISTRICT

AAS 48/2019(96), Friday

29.11.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 32.0°C to 33.9°C, minimum temperature ranges from 22.6°C to 23.9°C. Morning relative humidity ranges from 68 % to 81% and afternoon relative humidity ranges from 51% to 68%. Wind speed ranges from 6.8 to 11.4 km/h. Bright sunshine hours range from 7.2 to 9.8 hours. Evaporation ranges from 4.5 to 5.5 mm.

CURRENT SYNOPTIC SITUATION:: An upper air cyclonic circulation lies over southeast Arabian Sea off Kerala Coast extending upto 0.9 km above mean sea level.

Heavy Rainfall Warning:

DAY 2: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at isolated places in the district of Kollam.

DAY 3: Heavy rainfall (7- 11 cm in 24 hours) to very heavy Rainfall (12- 20 cm in 24 hours) is very likely to occur at isolated places in the district of Ernakulam.

Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at isolated places in the districts of Idukki & Malapuram.

DAY 4: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at isolated places in the district of Malappuram.

Thunderstorm Warning:

DAY 1 to DAY 4: Thunderstorm accompanied with lightning is very likely to occur at isolated places over Kerala..

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	30.11.2019	01.12.2019	02.12.2019	03.12.2019	04.12.2019
Rainfall (mm)	0	3	10	8	2
Maximum temperature(°C)	31	31	30	30	31
Minimum temperature (°C)	24	24	23	23	24
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	63	63	63	63	63
Wind speed (kmph)	12	8	6	8	12
Wind direction (deg)	50	70	70	90	90
Total cloud cover (octa)	4	6	8	8	6

According to IMD & KAU, there is a chance of lightrainfall in isolated places of the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice (Mundakan) Tillering stage	Leaf folder	There is a chance of Leaf folder attack in Mundakan Paddy. It can be controlled by using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray quinalphos @ 2ml per one liter of water.
	Bacterial Leaf blight	To control the spread of Bacterial Leaf blight in paddy, spray 6 g of Streptocycline in 30 litre of water.
Banana	Management	Propping should be followed to reduce the damage due to high wind velocity.
Vegetables	Sucking pests	There is a chance of sucking pests in vegetables. Apply 2% neem oil+garlic emulsion once in a weak for the control.
Animal Husbandry		Allow the animal to graze early in the morning or in the evening to avoid direct sunlight. (CAADECCS, KVASU, Mannuthy)