



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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THRISSUR DISTRICT

AAS 01/2019, Tuesday

01.01.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 32.1°C to 35.5°C, minimum temperature ranges from 21.9°C to 23.8°C. Morning relative humidity ranges from 70% to 90% and afternoon relative humidity ranges from 31% to 62%. Wind speed ranges from 2.5 to 9.9 km/h. Bright sunshine hours range from 0.0 to 8.8 hours. Evaporation ranges from 2.3 to 3.9 mm.

CURRENT SYNOPTIC SITUATION: : A cyclonic circulation lies over Kerala and adjoining South East Arabian sea extending between 1.5 & 2.1km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	02.01.2019	03.01.2019	04.01.2019	05.01.2019	06.01.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	23	23	23	23	23
Total cloud cover (octa)	4	4	4	4	4
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	45	45	45	45	45
Wind speed (kmph)	8	10	10	8	12
Wind direction (deg)	50	250	230	230	270

No rainfall is forecasted for coming five days in the district by India Meteorological Department.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Panicle initiation	Leaf folder	As a prophylactic measure, apply 2CC <i>Trichogramma chilonis</i> card per acre to control leaf folder. Cut the cards in to small pieces and fix in different parts of the field in plastic cups.
Coconut	-	Red palm weevil	Coconut palms are seen affected by red palm weevil. After thorough cleaning of the crown region, apply 1 ml imidacloprid per one litre of water at spindle leaf area.
Vegetables (Cowpea)	-	Stem fly	There is a chance of stem fly in cowpea. Apply 2% neem oil garlic emulsion.
Animal Husbandry	Mix 30g sodium bicarbonate and 1 teaspoon yeast in the feed daily to avoid digestive disorders associated with excessive acidity. (CAADECCS, KVASU, Mannuthy)		