



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

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

Agromet Advisory Service Bulletin

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



THRISSUR DISTRICT

AAS 03/2019(6), Friday

18.01.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 32.1°C to 33.8°C, minimum temperature ranges from 18.6°C to 23.4°C. Morning relative humidity ranges from 58% to 79% and afternoon relative humidity ranges from 25% to 58%. Wind speed ranges from 6.1 to 10.5 km/h. Bright sunshine hours range from 5.6 to 10.0 hours. Evaporation ranges from 1.8 to 5.9 mm.

CURRENT SYNOPTIC SITUATION: A trough in easterlies extending upto 0.9 km above mean sea level runs from Maldives-Lakshadweep area to Eastcentral Arabian sea off Karnataka coast.

A trough of low pressure at mean sea level lies over South Andaman sea and adjoining areas of southeast Bay of Bengal and Equatorial Indian ocean.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	19.01.2019	20.01.2019	21.01.2019	22.01.2019	23.01.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	34	34	34	34	34
Minimum temperature (°C)	22	22	22	22	22
Total cloud cover (octa)	2	3	4	4	4
Maximum Relative Humidity (%)	65	65	65	65	65
Minimum Relative Humidity (%)	30	30	30	30	30
Wind speed (kmph)	14	14	14	14	14
Wind direction (deg)	200	200	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	Milky stage	Rice bug	There is a chance of appearance of rice bug in paddy. To control them, spray 2 ml malathion per one litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
Coconut	-	Red palm weevil	Coconut palms are seen affected by red palm weevil. Remove the affected parts from crown and apply one ml imidacloprid /one litre of water at spindle leaf area.
Vegetables (cowpea)	-	Fruit fly	There is a chance of fruit fly in vegetables. Remove and destroy affected and decayed fruits. Use special pheromone traps like cue lure (6 nos/Acre) for vegetable fruit fly along with Thulasi/fruit traps. If the attack is not reduced, spray mixture of 2 ml malathion and 10 g jaggery in one litre of water during flowering and fruit initiation stage.
Animal Husbandry	Mix 30g sodium bicarbonate and 1 teaspoon yeast in the feed daily to avoid digestive disorders		