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Agromet Advisory Service Bulletin

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



THRISSUR DISTRICT

AAS 04/2019(7), Tuesday

22.01.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 31.7°C to 34.0°C, minimum temperature ranges from 19.1°C to 23.4°C. Morning relative humidity ranges from 58% to 75% and afternoon relative humidity ranges from 25% to 45%. Wind speed ranges from 5.6 to 10.5 km/h. Bright sunshine hours range from 3.7 to 9.9 hours. Evaporation ranges from 4.3 to 7.6 mm.

CURRENT SYNOPTIC SITUATION: A Low Pressure Area lies over Equatorial Indian Ocean & adjoining central parts of south Bay of Bengal with associated upper air cyclonic circulation extending upto 3.1 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	23.01.2019	24.01.2019	25.01.2019	26.01.2019	27.01.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	19	19	19	19	19
Total cloud cover (octa)	3	5	5	4	4
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	35	35	35	35	35
Wind speed (kmph)	14	14	14	14	8
Wind direction (deg)	270	250	250	270	230

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)	-	Aphids	There is a chance of aphids in cowpea. Apply 2% neem oil emulsion or apply 20 g verticillium lecanii per one litre of water in 10 days intervals. If aphid attack is severe, apply 3 ml Imidacloprid or 2 g Thiamethoxam per 10 litre of water.
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)		