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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 02/2019(3), Tuesday

08.01.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 30.9°C to 32.9°C, minimum temperature ranges from 17.9°C to 21.6°C. Morning relative humidity ranges from 55% to 82% and afternoon relative humidity ranges from 27% to 42%. Wind speed ranges from 5.8 to 10.3 km/h. Bright sunshine hours range from 8.8 to 10.0 hours. Evaporation ranges from 3.6 to 6.3 mm.

CURRENT SYNOPTIC SITUATION: Light to moderate Easterlies /Northeasterlies prevails over Kerala in the lower tropospheric levels. The depression over East central and adjoining south east Bay of Bengal weakened as a well marked low over East central Bay of Bengal and adjoining North Andaman sea off Myanmar coast , further weakened and now lies as a low pressure area over Myanmar coast and neighbourhood. Associated upper air cyclonic circulation extends upto 1.5km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	09.01.2019	10.01.2019	11.01.2019	12.01.2019	13.01.2019
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	3	3	3	3
Maximum Relative Humidity (%)	70	70	70	70	70
Minimum Relative Humidity (%)	30	30	30	30	30
Wind speed (kmph)	8	8	6	6	6
Wind direction (deg)	200	70	200	160	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	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.
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.
		Shoot and Fruit borer	Shoot and fruit borer affected parts in cowpea can be removed. Apply 5% Neem Kernel Suspension to control shoot and fruit borer in the initial stage. Spray Flubendamide 2ml/10L of water or Chlorantraniliprole 3 ml/10L if the attack is severe.
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)		