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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

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SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 31.2°C to 34.0°C, minimum temperature ranges from 16.5°C to 20.4°C. Morning relative humidity ranges from 52% to 82% and afternoon relative humidity ranges from 27% to 42%. Wind speed ranges from 2.8 to 9.5 km/h. Bright sunshine hours range from 8.8 to 10.0 hours. Evaporation ranges from 3.4 to 6.3 mm.

CURRENT SYNOPTIC SITUATION: A trough extending upto 0.9 km above mean sea level runs from coastal Karnataka to south west Madhya Pradesh across North interior Karnataka , Marathwada and Vidarbha

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	12.01.2019	13.01.2019	14.01.2019	15.01.2019	16.01.2019
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)	1	1	1	1	1
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	25	25	25	25	25
Wind speed (kmph)	8	8	12	10	12
Wind direction (deg)	230	230	250	180	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)		