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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

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21.12.2018

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 31.3°C to 34.0°C, minimum temperature ranges from 19.9°C to 23.0°C. Morning relative humidity ranges from 70% to 96% and afternoon relative humidity ranges from 34% to 52%. Wind speed ranges from 1.2 to 4.8 km/h. Bright sunshine hours range from 0.6 to 8.3 hours. Evaporation ranges from 2.3 to 3.8 mm.

CURRENT SYNOPTIC SITUATION: The trough of low pressure at mean sea level over central parts of south Bay of Bengal now lies over southwest Bay of Bengal and adjoining equatorial Indian Ocean and extends upto 2.1km above mean sea level. The cyclonic circulation over southeast Arabian Sea and adjoining Lakshadweep area has become less marked.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	22.12.2018	23.12.2018	24.12.2018	25.12.2018	26.12.2018
Rainfall (mm)	0	0	0	4	0
Maximum temperature (°C)	32.3	32.3	32.3	32.3	32.3
Minimum temperature (°C)	21.4	21.4	21.4	21.4	21.4
Total cloud cover (octa)	4	4	4	5	4
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	6	6	8	10	12
Wind direction (deg)	230	270	270	250	290

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	Tillering stage	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)	Fruiting stage	Fusarium wilt	To prevent Fusarium wilt in cowpea, mix 20 g of cow dung in one litre of water and soil should be drenched with the supernatant liquid by mixing with 20 g of pseudomonas.
Banana	-	<i>Spodoptera</i>	Destroy the affected leaves along with the <i>Spodoptera</i> . If <i>Spodoptera</i> attack is severe, spray quinalphos 2ml per one litre of water or chlorantraniliprole 3 ml per ten litre of water.
Animal Husbandry	Provide plenty of clean drinking water in the cattle sheds and grazing lands. (CAADECCS, KVASU, Mannuthy)		