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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

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**07.12.2018**

**SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:**

The total rainfall received 0.0 mm. the maximum temperature ranges from 29.8°C to 32.9°C, minimum temperature ranges from 23.1°C to 24.3°C. Morning relative humidity ranges from 68% to 78% and afternoon relative humidity ranges from 48% to 57%. Wind speed ranges from 5.5 to 13.6 km/h. Bright sunshine hours range from 1.6 to 9.7 hours. Evaporation ranges from 2.9 to 4.5 mm.

**CURRENT SYNOPTIC SITUATION:**The trough of low at mean sea level lies over Maldives-Lakshadweep area. A cyclonic circulation lies over equatorial Indian Ocean and adjoining Southwest Bay of Bengal and extends upto 4.5km above mean sea level. The trough of low at mean sea level lies over Southeast Bay of Bengal and equatorial Indian Ocean persists and extends upto 3.1 km above mean sea level.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	08.12.2018	09.12.2018	10.12.2018	11.12.2018	12.12.2018
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	23	23	23	23	23
Total cloud cover (octa)	3	3	2	2	2
Maximum Relative Humidity (%)	70	70	70	70	70
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	6	6	6	6	6
Wind direction (deg)	70	74	52	53	90

**No rainfall is forecasted for coming five days in the district by India Meteorological Department.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Crop stage	Pest/ Disease	Advisories
Cucurbitaceous Vegetables	-	Powdery mildew	White powdery spots are seen on the leaves of the affected plants. If any fruits are present, harvest them. Then apply 1.5 ml tebuconazole or 0.5 ml difenoconazole per one litre of water. After 10 days, apply 20 g of <i>Trichoderma viride</i> per one litre of water to control powdery mildew disease of vegetables.
Banana	-	<i>Spodoptera</i>	Destroy the affected leafs 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 10 litre of water.
Paddy	Tillering stage	Rice armyworm	There is a chance of rice armyworm in the paddy field. To control, <ul style="list-style-type: none"> <li>• Complete flooding of field for 24 hours wherever possible.</li> <li>• Spraying of chlorantraniliprole @ 3 ml per 10 litre of water in the field, bunds and weeds.</li> <li>• In the fields where transplanting is not yet undertaken, application of chlorantraniliprole granules @ 4 kg per one acre along with basal dose of fertilizers.</li> <li>• Keep the field bunds and surroundings weed free.</li> </ul>
Animal Husbandry	Provide plenty of clean drinking water in the cattle sheds and grazing lands. (CAADECCS, KVASU, Mannuthy)		