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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 51/2018(100), Tuesday**

**18.12.2018**

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

The total rainfall received 0.0 mm. the maximum temperature ranges from 33.3°C to 34.0°C, minimum temperature ranges from 20.7°C to 22.9°C. Morning relative humidity ranges from 70% to 93% and afternoon relative humidity ranges from 38% to 51%. Wind speed ranges from 1.2 to 3.8 km/h. Bright sunshine hours range from 0.6 to 8.3 hours. Evaporation ranges from 2.4 to 3.8 mm.

**CURRENT SYNOPTIC SITUATION:** : The Deep depression over West central Bay of Bengal weakened into a depression at 2330hrs. of yesterday the 17<sup>th</sup> December, further weakened into a well marked low pressure area over Northwest and adjoining West central Bay of Bengal at 0530hrs. IST of today the 18<sup>th</sup> December .It has weakened into a low pressure area and lies over Northwest Bay of Bengal and adjoining coastal Odisha with associated cyclonic circulation extending upto 1.5km above mean sea level. A trough of low at mean sea level lies over southeast Bay of Bengal and adjoining south Andaman sea and equatorial Indian ocean.

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

Weather parameters	19.12.2018	20.12.2018	21.12.2018	22.12.2018	23.12.2018
Rainfall (mm)	0	0	0	0	2
Maximum temperature (°C )	33.1	33.1	33.1	33.1	33.1
Minimum temperature (°C )	20.1	20.1	20.1	20.1	20.1
Total cloud cover (octa)	4	4	4	4	5
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	40	40	40	40	40
Wind speed (kmph)	8	10	10	8	10
Wind direction (deg)	250	270	290	180	270

**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)		