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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 52/2018(102), Tuesday

24.12.2018

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 31.9°C to 34.0°C, minimum temperature ranges from 19.9°C to 23.2°C. Morning relative humidity ranges from 70% to 92% and afternoon relative humidity ranges from 34% to 52%. Wind speed ranges from 1.3 to 5.5 km/h. Bright sunshine hours range from 5.0 to 8.1 hours. Evaporation ranges from 2.3 to 4.0 mm.

CURRENT SYNOPTIC SITUATION: : A trough of low pressure at mean sea level lies over Comorin –Maldives area and adjoining equatorial Indian Ocean and extends upto 0.9 km above mean sea level. Another trough of low at mean sea level lies over South Andaman sea and South East Bay of Bengal & Equatorial Indian Ocean

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	25.12.2018	26.12.2018	27.12.2018	28.12.2018	29.12.2018
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33.1	33.1	33.1	33.1	33.1
Minimum temperature (°C)	24.3	24.3	24.3	24.3	24.3
Total cloud cover (octa)	6	6	5	4	3
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	6	6	6	6	6
Wind direction (deg)	250	250	250	250	250

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.
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 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)		