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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 2.7 mm. the maximum temperature ranges from 31.9°C to 32.9°C, minimum temperature ranges from 22.5°C to 25.3°C. Morning relative humidity ranges from 65% to 90% and afternoon relative humidity ranges from 46% to 65%. Wind speed ranges from 3.1 to 10.5 km/h. Bright sunshine hours range from 7.6 to 9.7 hours. Evaporation ranges from 3.0 to 5.0 mm.

CURRENT SYNOPTIC SITUATION: A trough of low at mean sea level lies over southeast Arabian sea and adjoining equatorial Indian Ocean. A cyclonic circulation lies over equatorial Indian Ocean and adjoining southeast Arabian sea extending upto 1.5 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	01.12.2018	02.12.2018	03.12.2018	04.12.2018	05.12.2018
Rainfall (mm)	1	0	0	0	0
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	23	23	23	23	23
Total cloud cover (octa)	5	4	4	4	4
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	8	8	6	6	6
Wind direction (deg)	180	90	110	110	340

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	Seedling stage	Rice armyworm	There is a chance of rice armyworm in the paddy field. To control, <ul style="list-style-type: none"> • Complete flooding of field for 24 hours wherever possible. • Spraying of chlorantraniliprole @ 3 ml per 10 litre of water in the field, bunds and weeds. • In the fields where transplanting is not yet undertaken, application of chlorantraniliprole granules @ 4 kg per one acre along with basal dose of fertilizers. • Keep the field bunds and surroundings weed free.
Vegetables (cowpea)	-	Downy mildew	There is a chance of downy mildew attack in vegetables. Apply 2.5g curzate M-8 or one milli Equation pro per one litre of water under the leaves.
Banana	-	Spodoptera	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.
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)		