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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

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23.11.2018

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

The total rainfall received 62.9 mm. the maximum temperature ranges from 32.8°C to 34.3°C, minimum temperature ranges from 22.1°C to 24.7°C. Morning relative humidity ranges from 82% to 96% and afternoon relative humidity ranges from 47% to 89%. Wind speed ranges from 1.2 to 3.9 km/h. Bright sunshine hours range from 0.0 to 8.9 hours. Evaporation ranges from 1.4 to 6.1 mm.

**CURRENT SYNOPTIC SITUATION:** A trough of low pressure area at above mean sea level lies over Southeast Arabian Sea & adjoining Maldives-Lakshadweep area extends upto 0.9 km above mean sea level . A trough in easterlies runs from Comorin area to Interior Tamil Nadu at 5.8 km above mean sea level.

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

Weather parameters	24.11.2018	25.11.2018	26.11.2018	27.11.2018	28.11.2018
Rainfall (mm)	30	30	8	4	0
Maximum temperature (°C )	32.1	32.1	32.1	32.1	32.1
Minimum temperature (°C )	24.1	24.1	24.1	24.1	24.1
Total cloud cover (octa)	8	8	5	4	4
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	4	6	8	8	6
Wind direction (deg)	160	250	230	70	70

As per IMD forecast, moderate rainfall is expected for coming days in the district.

**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"> <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>
Vegetables (cowpea)	-	Aphids	There is a chance of aphids in cowpea. Apply 2% neem oil emulsion or apply 20 g verticillium lecanii per one litre of water in 10 days intervals. If aphid attack is severe, apply 3 ml Imidacloprid or 2 g Thiamethoxam per 10 litre of water.
Banana	-	Spodoptera	Destroy the affected leaves along with the Spodoptera. If Spodoptera 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)		