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**Block Level Experimental Agromet Advisory Bulletin**

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



**CHALAKUDY BLOCK, THRISSUR DISTRICT**

AAS 50/2018(99), Friday

14.12.2018

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

. The total rainfall received 0.0 mm. the maximum temperature ranges from 33.4°C to 34.0°C, minimum temperature ranges from 21.3°C to 22.9°C. Morning relative humidity ranges from 65% to 93% and afternoon relative humidity ranges from 38% to 61%. Wind speed ranges from 1.9 to 6.3 km/h. Bright sunshine hours range from 6.0 to 9.4 hours. Evaporation ranges from 2.4 to 4.8 mm.

**CURRENT SYNOPTIC SITUATION:** . A Deep depression lies over Southeast Bay of Bengal near lat. 8.5<sup>0</sup>N / Long 87.4<sup>0</sup>E and likely to intensify into a cyclonic storm during next 24 hours and into a severe cyclonic storm in subsequent 36 hours and likely to move north-northwestwards

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

Weather parameters	15.12.2018	16.12.2018	17.12.2018	18.12.2018	19.12.2018
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	4	3	3
Maximum Relative Humidity (%)	88	82	83	83	83
Minimum Relative Humidity (%)	67	67	67	67	65
Wind speed (kmph)	8	5	5	5	5
Wind direction (deg)	230	230	250	250	250

As per IMD forecast, No rainfall is expected for coming days in chalakkudy Block

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Tillering stage	Brown spot, Blast, Bacterial leaf Blight	There is a chance of Brown spot, Blast and Bacterial Leaf Blight disease in paddy. As a precaution, spray 20g pseudomonas per one litre of water.
Vegetables (Cucurbits)	Fruiting stage	Pumpkin caterpillar	There is a chance of Pumpkin caterpillar in Cucurbits. Apply 2 ml <i>Flubendiamide</i> (Fame) per ten litre of water.
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 ten litre of water.
Animal Husbandry	Provide plenty of clean drinking water in the cattle sheds and grazing lands. (CAADECCS, KVASU, Mannuthy)		