



**Kerala Agricultural University, Vellanikkara, Thrissur**  
**Department of Agricultural Meteorology, College of Horticulture**

Email: cohagmet@kau.in & kauagmet@yahoo.co.in

**Block Level Experimental Agromet Advisory Bulletin**

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



**CHALAKUDY BLOCK, THRISSUR DISTRICT**

AAS 45/2018(89), Friday

09.11.2018

**The Agricultural advisory of this bulletin is not applicable in flood-affected areas.**

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

The total rainfall received 1.0 mm. the maximum temperature ranges from 31.3°C to 33.9°C, minimum temperature ranges from 22.3°C to 25.3°C. Morning relative humidity ranges from 75% to 81% and afternoon relative humidity ranges from 45% to 64%. Wind speed ranges from 3.0 to 8.6 km/h. Bright sunshine hours range from 3.1 to 9.5 hours. Evaporation ranges from 3.3 to 4.0 mm.

**CURRENT SYNOPTIC SITUATION:** The low pressure over Andaman sea and adjoining Malay Peninsula now lies over central parts of Andaman sea and neighbourhood with associated cyclonic circulation extending upto mid Tropospheric levels. The cyclonic circulation over Comorin area and adjoining Sri Lanka and Equatorial Indian ocean extends upto 3.1 km above mean sea level .

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

Weather parameters	10.11.2018	11.11.2018	12.11.2018	13.11.2018	14.11.2018
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C )	34.2	34.2	34.2	34.2	34.2
Minimum temperature (°C )	23	23.1	23.2	23.2	23.2
Total cloud cover (octa)	4	4	4	3	3
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	8	8	8	8	8
Wind direction (deg)	70	70	70	70	70

As per IMD forecast, there is less chance for rainfall for the coming days in the block.

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Crop stage	Pest/ Disease	Advisories
Pepper	-	Yellowing	Yellowing was observed in pepper due to flood situation followed by physiological drought. Soil drenching with 2g kocide per one litre of water, followed by a foliar spray and soil drenching with 20 g of pseudomonas per litre of water, after two weeks was recommended.
Banana and Vegetables	-	Spodoptera	Destroy the affected leafs 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.
Paddy	Seedling stage	Leaf folder and Stem borer	As a prophylactic measure, apply 2CC <i>Trichogramma chilonis</i> card per acre to control leaf folder and 2CC <i>Trichogramma japonicum</i> card per acre to control stem borer in paddy. Cut the cards in to small pieces and fix in different parts of the field in plastic cups. If the attack is severe, spray 3ml chlorantraniliprole per 10 litre of water.
Animal Husbandry	Give FMD vaccination to cattle and goats and Leptosira vaccination to pet animals. (CAADECCS, KVASU, Mannuthy)		