



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

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

**Agromet Advisory Service Bulletin**

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



**ERNAKULAM DISTRICT**

AAS 45/2018(88), Tuesday

07.11.2018

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

**CURRENT SYNOPTIC SITUATION:** A trough of Low lies at mean sea level from southwest Bay of Bengal to north Bay of Bengal and extends upto 1.5 km above mean sea level . A cyclonic circulation lies over Southwest Bay of Bengal and adjoining Sri Lanka extending upto 3.1 km above mean sea level and is embedded in the above trough of low. . A cyclonic circulation lies over east central and adjoining areas of south east Arabian sea and Karnataka coast between 3.1km &4.5 Km above mean sea level.

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

Weather parameters	08.11.2018	09.11.2018	10.11.2018	11.11.2018	12.11.2018
Rainfall (mm)	10	8	28	9	0
Maximum temperature (°C )	31.4	26.6	31.2	32.8	30.5
Minimum temperature (°C )	22.8	21.8	22.8	22.5	22.9
Total cloud cover (octa)	8	8	8	8	7
Maximum Relative Humidity (%)	95	96	94	92	90
Minimum Relative Humidity (%)	58	59	54	52	50
Wind speed (kmph)	5.4	4.1	4.3	4.9	5.3
Wind direction (deg)	33	60	54	65	49

Above normal rainfall is expected in kerala for the coming week.

As per IMD forecast, moderate rainfall is expected for coming week in Ernakulam district.

**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 Leptospira vaccination to pet animals. (CAADECCS, KVASU, Mannuthy)		