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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 45/2018(88), Tuesday

07.11.2018

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 34.3°C, minimum temperature ranges from 21.8°C to 25.3°C. Morning relative humidity ranges from 75% to 95% and afternoon relative humidity ranges from 45% to 64%. Wind speed ranges from 0.9 to 8.6 km/h. Bright sunshine hours range from 3.1 to 9.5 hours. Evaporation ranges from 2.4 to 4.0 mm.

CURRENT SYNOPTIC SITUATION: The well marked low pressure area over Sri Lanka & adjoining South west Bay of Bengal, Equatorial Indian ocean & Comorin area now lies as a low pressure area over Comorin area & adjoining Sri Lanka & Equatorial Indian ocean with associated cyclonic circulation extending upto 5.8 km above mean sea level. The upper air cyclonic circulation over East central Arabian sea and adjoining coastal Karnataka at 5.8 km above mean sea level has become less marked. An upper air cyclonic circulation over south China sea and adjoining Gulf of Thailand extending upto 3.1 km above mean sea level. It is likely to emerge into Andaman sea and under its influence a low pressure area is likely to develop over Andaman sea and adjoining South east Bay of Bengal during next 48 hrs. It is likely to move west – northwestwards and intensify further.

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)	0	8	6	3	0
Maximum temperature (°C)	31	26.3	30.4	31.2	29.7
Minimum temperature (°C)	22.1	20.9	22.5	22.0	22.2
Total cloud cover (octa)	8	7	8	7	7
Maximum Relative Humidity (%)	93	94	93	88	82
Minimum Relative Humidity (%)	48	54	61	51	46
Wind speed (kmph)	6.5	7.1	8.1	8.8	7.9
Wind direction (deg)	58	62	72	73	61

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

As per IMD forecast, moderate rainfall is expected for coming week in Chalakudy 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 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.
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 Leptospirosis vaccination to pet animals. (CAADECCS, KVASU, Mannuthy)		