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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 46/2018(90), Tuesday

13.11.2018

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 33.8°C to 34.0°C, minimum temperature ranges from 21.9°C to 23.4°C. Morning relative humidity ranges from 77% to 90% and afternoon relative humidity ranges from 40% to 57%. Wind speed ranges from 2.1 to 3.8 km/h. Bright sunshine hours range from 4.3 to 9.9 hours. Evaporation ranges from 3.1 to 4.0 mm.

CURRENT SYNOPTIC SITUATION: The cyclonic storm 'Gaja' lay centered at 0830 hrs. IST over west central and adjoining East central & South west Bay of Bengal near Lat 13.3° N / long 87.1° E about 740 km east Northeast of Chennai

HEAVY RAINFALL WARNING:

DAY 3: Heavy to very heavy rainfall is most likely to occur in Kollam District and heavy rainfall is most likely to occur at isolated places in Trivandrum & Pathanamthitta district .

DAY 4: heavy to very heavy rainfall is most likely to occur at isolated places in Trivandrum & Kollam district and heavy rainfall is most likely to occur at isolated places in Pathanamthitta & Alappuzha district .

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	14.11.2018	15.11.2018	16.11.2018	17.11.2018	18.11.2018
Rainfall (mm)	3	2	0	25	9
Maximum temperature (°C)	32.8	33.2	34	34	33.8
Minimum temperature (°C)	22.8	23	23.8	23.8	23.8
Total cloud cover (octa)	5	5	6	7	7
Maximum Relative Humidity (%)	90	85	75	90	90
Minimum Relative Humidity (%)	60	60	55	60	60
Wind speed (kmph)	6	8	6	10	8
Wind direction (deg)	320	360	50	50	90

As per IMD forecast, light rainfall is expected for coming days in the block.

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"> • Complete flooding of field for 24 hours wherever possible. • Spraying of chlorantraniliprole @ 3 ml per 10 litre of water in the field, bunds and weeds. • In the fields where transplanting is not yet undertaken, application of chlorantraniliprole granules @ 4 kg per one acre along with basal dose of fertilizers. • Keep the field bunds and surroundings weed free.
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 10 litre of water.
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 i/s recommended.
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)		