



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 41/2018(82), Friday

12.10.2018

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 106.8 mm. the maximum temperature ranges from 32.0°C to 34.0°C, minimum temperature ranges from 22.6°C to 25.2°C. Morning relative humidity ranges from 80% to 96% and afternoon relative humidity ranges from 63% to 81%. Wind speed ranges from 0.5 to 7.5 km/h. Bright sunshine hours range from 0.4 to 8.9 hours. Evaporation ranges from 1.8 to 3.7 mm.

CURRENT SYNOPTIC SITUATION: A Deep Depression lies over Odisha centred near Lat 20.6° N/Long. 84.9° E. A severe cyclonic storm (LUBAN) lies over west Central Arabian sea near Lat 14.7° N/Long. 57.4° E. A trough runs from the deep depression to Kerala across Coastal Andhra Pradesh & Tamil Nadu and extends upto 3.1km Above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	13.10.2018	14.10.2018	15.10.2018	16.10.2018	17.10.2018
Rainfall (mm)	3	3	7	0	8
Maximum temperature (°C)	33.4	33.2	33.4	33.2	33.0
Minimum temperature (°C)	24.6	24.2	24.4	24.6	24.0
Total cloud cover (octa)	6	6	6	6	6
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	006	006	006	006	006
Wind direction (deg)	250	250	250	250	250

As per IMD forecast, light rainfall in isolated places is expected for coming days in Chalakudy Block

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Harvesting stage	-	First paddy crop is in Harvesting stage. Land preparation for second paddy crop can be started.
Coconut	-	Rhinoceros beetle	After thorough cleaning of the crown region, apply cartap hydrochloride 4G @ 20 g mixed with fine sand 200 g to the inner most leaf axils surrounding the spindle leaf or a mixture of fipronil 0.3 G @ 20 g and fine sand @ 200 g to the inner most leaf axils. This application has to be repeated thrice a year. (January, May and September/ October) for better results.
Banana	-	Spodoptera	Destroy the affected leafs along with the spodoptera. For severe attack spray quinalphos 2ml per one litre of water or chlorantraniliprole 3 ml/10 litre of water.
Animal Husbandry	<ul style="list-style-type: none"> Animal should not be left to graze under hot sun from morning 10.00 AM to evening 3.00 PM. Concentrate feed should be sun dried regularly to avoid mould growth Deworm the animals and birds and vaccinate them against infectious diseases. (CAADECCS, KVASU, Mannuthy)		