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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 10/2019(20), Friday

08.03.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 34.3°C to 37.6°C, minimum temperature ranges from 22.4°C to 25.2°C. Morning relative humidity ranges from 70% to 91% and afternoon relative humidity ranges from 36% to 59%. Wind speed ranges from 2.3 to 4.1 km/h. Bright sunshine hours range from 7.6 to 9.8 hours. Evaporation ranges from 4.0 to 5.3 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Comorin area & neighbourhood at 1.5 km above mean sea level. Another cyclonic circulation at 0.9 km above mean sea level lies over Southeast Arabian Sea off Kerala coast.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	09.03.2019	10.03.2019	11.03.2019	12.03.2019	13.03.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	35	35	35	35	35
Minimum temperature (°C)	26	26	26	26	26
Total cloud cover (octa)	4	5	6	4	4
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	6	6	6	6	6
Wind direction (deg)	320	320	320	320	320

No rainfall is forecasted for coming five days in the district by India Meteorological Department.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Coconut	-	Management	Since air temperature is increasing, it is desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture. The husk can be buried either in linear trenches taken 3 m away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 m from the trunk. The trenches may be of 0.5 m width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5-7 years. Instead of husk, coir pith can be buried @ 25 kg / palm/ year.
Banana	-	Sigatoka disease	During this special weather condition, there is a chance of Sigatoka disease in banana. As a precaution, Spray 20 g <i>Pseudomonas</i> per one litre of water.
Vegetables (cowpea)	Fruiting stage	Stunted growth	Due to the increase in atmospheric temperature, the attack of insects such as thrips, mite and white flies etc. are more. As a result of this, there is a chance of stunted growth in vegetables. They can be controlled by applying 10 gms of Verticillium in 1 litre of water or neem based insecticides can be applied.
Animal Husbandry	Assure increased ventilation in the shed. (CAADECCS, KVASU, Mannuthy)		