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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 26/2019(52), Friday

28.06.2019

**SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:**

The total rainfall received 86.5 mm. The maximum temperature ranges from 29.4°C to 32.7°C, minimum temperature ranges from 21.9°C to 25.2°C. Morning relative humidity ranges from 93 % to 98% and afternoon relative humidity ranges from 70% to 92%. Wind speed ranges from 0.6 to 1.7 km/h. Bright sunshine hours range from 0.0 to 3.9 hours. Evaporation ranges from 1.5 to 2.8 mm.

**CURRENT SYNOPTIC SITUATION:**

A cyclonic circulation lies over westcentral Bay of Bengal off north Andhra Pradesh – south Odisha coasts between 4.5 & 7.6 km above mean sea level tilting southwestwards with height.

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

Weather parameters	29.06.2019	30.06.2019	01.07.2019	02.07.2019	03.07.2019
Rainfall (mm)	5	8	14	18	28
Maximum temperature (°C )	33	33	33	33	33
Minimum temperature (°C )	24	24	24	24	24
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	10	10	10	8	10
Wind direction (deg)	290	290	320	270	270
Total cloud cover (octa)	5	5	6	7	8

**Moderate rainfall is forecasted in the district by IMD & KAU.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
Paddy	Land preparation to transplanting	Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of <i>Pseudomonas</i> culture @10g/litre per kg of seeds. The above seed treatment can also be used to control sheath blight, sheath rot, leaf spot disease etc.
Banana	Sigatoka disease	Due to monsoon showers, there is a chance of Sigatoka disease in banana. As a precaution, Spray <i>Pseudomonas</i> 20g/litre. In case of severe attack, spray 2 ml <i>hexaconazole</i> or 1 ml <i>propiconazole</i> per one litre of water by mixing it with a sticker and spray on both the surface of the leaf.
Coconut	Bud rot	There is a chance of bud rot in rainy season. Keep three numbers each of perforated Mancozeb sachets (5 gm) around spindle leaves as a prophylactic measure against bud rot.
Pepper	Quick wilt	There is a chance of Quick wilt disease due to high relative humidity. Apply trichoderma or pseudomonas culture in soil or 1% Bordeaux mixture can be sprayed on the leaves and small branches.
Animal Husbandry	Don't allow the animals to water logged areas to avoid foot lesions. (CAADECCS, KVASU, Mannuthy)	