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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 52/2019(104), Friday

27.12.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 32.3°C to 32.9°C, minimum temperature ranges from 21.4°C to 23.3°C. Morning relative humidity ranges from 65 % to 76% and afternoon relative humidity ranges from 46% to 61%. Wind speed ranges from 5.7 to 12.6 km/h. Bright sunshine hours range from 3.0 to 9.5 hours. Evaporation ranges from 3.8 to 6.3 mm.

CURRENT SYNOPTIC SITUATION: A Low Pressure Area lies over southwest Arabian Sea with associated cyclonic circulation extending upto midtropospheric level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	28.12.2019	29.12.2019	30.12.2019	31.12.2019	01.01.2020
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C)	33	33	33	33	33
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	70	70	70	70	70
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	8	10	10	8	14
Wind direction (deg)	50	50	70	90	70
Total cloud cover (octa)	2	3	2	4	6

As per the forecast of IMD & KAU, due to no rainfall and prevailing dry weather conditions, irrigation of crops to be continued in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice (Mundakan) Panicle initiation	Thrips	There is a chance of thrips in paddy. Apply 3 ml imidacloprid per 10 litre of water to control them.
	Bacterial Leaf blight	To control the spread of bacterial leaf blight in paddy, spray 6 g of streptomycin in 30 litre of water.
Banana	Rhizome Weevil	There is a chance of Rhizome Weevil attack in banana. As a precaution, apply neemcake @ 1 kg/plant at the time of planting. Cut and remove the outer layer of the rhizome and sundry for 3-4 days after smearing it with slurry of cow dung and ash.
Vegetables (cowpea)	Fusarium wilt	There is a chance of fusarium wilt in cowpea. Drench the soil rhizosphere with 2 g of bavistin or 2 ml of contaf per one litre of water alternatively within 15 days interval to control the disease. Severely affected plants should be removed and destroyed from the field and apply a pinch of bleaching powder in the pit.
Chilli	White fly	There is a chance of white fly attack in chilli. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.
Animal Husbandry		Assure increased ventilation in the shed. (CAADECCS, KVASU, Mannuthy)