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Agromet Advisory Service Bulletin

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



PALAKKAD DISTRICT

AAS 13/2020, (25)Tuesday

24.03.2020

CURRENT SYNOPTIC SITUATION: A north-south wind discontinuity runs from south Tamil Nadu to North Madhya Mahahrashtra across south Interior Karnataka extending upto 1.5 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	25.03.2020	26.03.2020	27.03.2020	28.03.2020	29.03.2020
Rainfall (mm)	5	0	0	0	0
Maximum temperature(°C)	36	36	36	36	36
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	45	45	45	45	45
Wind speed (kmph)	6	4	6	2	6
Wind direction (deg)	250	250	90	90	90
Total cloud cover (octa)	8	3	3	2	6

Light rainfall is forecasted in isolated places of the district by IMD & KAU. Irrigation can be given to the agricultural crops.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Banana	Rhizome Weevil	During this special weather condition, 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.
Coconut	Management	Since air temperature is increasing, it is a 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 meter away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 meter from the trunk. The trenches may be of 0.5 meter 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 to 7 years. Instead of husk, coir pith can be buried @ 25 kg/palm/year.
Vegetables	Sucking Pest	Due to increase in atmospheric temperature, the attack of sucking pest was increased. They can be controlled by applying 2% neem oil emulsion once in a week or by spraying Lecanicillium lecani at 20 gm per litre of water.
Animal Husbandry		Allow the animal to graze early in the morning or in the evening to avoid direct sunlight (CAADECCS, KVASU, Mannuthy)