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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 14/2019(27), Tuesday

2.04.2019

CURRENT SYNOPTIC SITUATION: A cyclonic circulation extending upto 1.5 km above mean sea level lies over south Madhya Maharashtra and adjoining areas of North interior Karnataka and Marathwada. A trough runs from the above cyclonic circulation and extending upto 0.9km above mean sea level upto Comorin area across interior Karantaka and interior Tamil Nadu.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	03.04.2019	04.04.2019	05.04.2019	06.04.2019	07.04.2019
Rainfall (mm)	0	0	0.3	0	0
Maximum temperature (°C)	35	35	35	35	35
Minimum temperature (°C)	27	27	27	27	27
Total cloud cover (octa)	2	3	6	4	4
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	16	14	14	14	16
Wind direction (deg)	320	290	250	270	290

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
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.
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 (cowpea, ivy gourd)	White fly Mealy bug Grass hopper	Due to increase in atmospheric temperature, the attack of insects such as whitefly, mealy bug and grass hopper was increased. They can be controlled by applying 2% neem oil emulsion once in a week.
Animal Husbandry	Allow the animal to graze early in the morning or in the evening to avoid direct sunlight (CAADECCS, KVASU, Mannuthy)	