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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 11/2019(21), Tuesday

12.03.2019

CURRENT SYNOPTIC SITUATION: A trough/wind discontinuity at 0.9 km above mean sea level runs from Chattisgarh to North Interior Karnataka across Vidarbha & Marathwada.

A cyclonic circulation extending upto 0.9 km above mean sea level lies over south coastal Tamil Nadu & neighbourhood.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	13.03.2019	14.03.2019	15.03.2019	16.03.2019	17.03.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	26	26	26	26	26
Total cloud cover (octa)	2	4	3	5	2
Maximum Relative Humidity (%)	95	90	92	88	89
Minimum Relative Humidity (%)	41	35	40	37	41
Wind speed (kmph)	6	4	4	4	4
Wind direction (deg)	35	70	90	60	57

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 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.
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, ivy gourd)	Fruiting stage	Aphids	There is a chance of aphid attack in vegetables. Apply 2% neem oil emulsion or apply 20g <i>Verticillium lecanii</i> per one litre of water in ten days intervals. If aphid attack is severe, apply 3 ml imidacloprid or 2 g thiamethoxam per ten litre of water.
Animal Husbandry	Give 30g sodium bicarbonate with one tea spoon yeast mixed in feed to avoid indigestion and acidity. (CAADECCS, KVASU, Mannuthy)		