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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 04/2019(8), Friday

25.01.2019

CURRENT SYNOPTIC SITUATION: A Low Pressure Area lies over Equatorial Indian Ocean & adjoining south East Bay of Bengal with associated cyclonic circulation extending upto 3.1 km above mean sea level. A cyclonic circulation extending upto 1.5 km above mean sea level lies over south Madhya Pradesh and neighbourhood . A trough runs from the above cyclonic circulation to South Interior Karnataka across Madhya Pradesh and North interior Karnataka at 1.5 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	26.01.2019	27.01.2019	28.01.2019	29.01.2019	30.01.2019
Rainfall (mm)	0.5	1	0.6	0	0
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	24	24	24	24	24
Total cloud cover (octa)	7	8	7	4	4
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	45	45	45	45	45
Wind speed (kmph)	16	16	16	16	14
Wind direction (deg)	320	320	290	250	250

Very light rainfall is forecasted for coming five days in the district at isolated places by India Meteorological Department.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Milky stage	Rice bug	There is a chance of appearance of rice bug in paddy. To control them, spray 2 ml malathion per one litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
Coconut	-	Red palm weevil	Coconut palms are seen affected by red palm weevil. Remove the affected parts from crown and apply one ml imidacloprid /one litre of water at spindle leaf area.
Vegetables (cowpea)	-	Aphids	There is a chance of aphids in cowpea. Apply 2% neemoil emulsion or apply 20 g verticillium lecanii per one litre of water in 10 days intervals. If aphid attack is severe, apply 3 ml Imidacloprid or 2 g Thiamethoxam per 10 litre of water.
Animal Husbandry	Mix 30g sodium bicarbonate and 1 teaspoon yeast in the feed daily to avoid digestive disorders associated with excessive acidity. (CAADECCS, KVASU, Mannuthy)		