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Agromet Advisory Service Bulletin
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PALAKKAD DISTRICT

AAS 05/2019(9), Tuesday   **29.01.2019**

CURRENT SYNOPTIC SITUATION: A trough in easterlies from Lakshadweep area to South Interior Karnataka across Kerala at 0.9Km above mean sea level has become less marked . A cyclonic circulation lies over East central and adjoining south east Arabian sea between 1.5 & 2.1 km above mean sea level. A trough of low at mean sea level lies over Equatorial Indian Ocean & adjoining areas of Andaman sea and south East Bay of Bengal .

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	30.01.2019	31.01.2019	01.02.2019	02.02.2019	03.02.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	36	36	36	36	36
Minimum temperature (°C)	24	24	24	24	24
Total cloud cover (octa)	90	90	90	90	90
Maximum Relative Humidity (%)	40	40	40	40	40
Minimum Relative Humidity (%)	12	12	10	10	10
Wind speed (kmph)	50	70	70	90	90
Wind direction (deg)	6	6	5	5	5

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Milky stage	Brown plant hopper (BPH)	To control Brown plant hopper in paddy, - Drain water from the field - spray thiamethoxam @ 2g per ten litre of water or Imidacloprid @3ml per ten litre of water.
Coconut	-	Red palm weevil	Coconut palms are seen affected by red palm weevil. Remove the affected parts from crown and apply one ml imidacloprid per one litre of water at spindle leaf area.
Vegetables (cowpea)	Fruiting stage	Thrips	To control thrips incidence in cowpea, apply 2 ml fipronil 5 SC per one litre of water after the harvest of matured cowpea pods.
		Aphids	For controlling cowpea aphids. apply 2% neem oil emulsion or apply 20 g *Verticillium lecanii* per 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			Ensure sufficient supply of clean drinking water to the animals. Take measures for preventing mosquito breeding in the premises. (**CAADECCS, KVASU, Mannuthy**)