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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 06/2019(11), Tuesday

05.02.2019

CURRENT SYNOPTIC SITUATION: A trough of low at mean sea level lies over Equatorial Indian Ocean & adjoining southwest Bay of Bengal off south-Sri Lanka coast. A cyclonic circulation lies over south interior Karnataka and neighbourhood extending upto 0.9km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	06.02.2019	07.02.2019	08.02.2019	09.02.2019	10.02.2019
Rainfall (mm)	0.3	0.2	0	0	0
Maximum temperature (°C)	33	32	32	32	32
Minimum temperature (°C)	25	24	24	24	24
Total cloud cover (octa)	7	6	5	5	5
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	8	14	18	18	16
Wind direction (deg)	250	250	290	320	290

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.
Banana	-	Bunchy top disease	Cut and remove the affected banana plants. Spray 1.5 ml diamethoate (Rogar) per one litre of water to control aphids which transmit this virus disease.
Coconut	-	Bud rot	There is a chance of bud rot disease in coconut palm. As a prophylactic measure, small-perforated sachets containing 2 g of mancozeb may be tied to the top of leaf axil. As well as cut and remove all the affected tissues of the crown. And apply Bordeaux paste.
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 <i>Verticillium lecanii</i> 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)		