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Agromet Advisory Service Bulletin
(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)

ERNAKULAM DISTRICT

AAS 05/2019(10), Friday   **01.02.2019**

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Lakshadweep area and neighbourhood between 3.1 & 3.6 km above mean sea level. A cyclonic circulation lies over coastal Karnataka and neighbourhood extending upto 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	02.02.2019	03.02.2019	04.02.2019	05.02.2019	06.02.2019
Rainfall (mm)	0	0	0	0	0.2
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	24	24	24	24	24
Total cloud cover (octa)	3	4	4	4	6
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	18	16	14	14	8
Wind direction (deg)	250	270	270	270	180

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**)		