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**Agromet Advisory Service Bulletin**

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**ERNAKULAM DISTRICT**

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22.01.2019

**CURRENT SYNOPTIC SITUATION:** A Low Pressure Area lies over Equatorial Indian Ocean & adjoining central parts of south Bay of Bengal with associated upper air cyclonic circulation extending upto 3.1 km above mean sea level.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	23.01.2019	24.01.2019	25.01.2019	26.01.2019	27.01.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C )	31	31	31	32	32
Minimum temperature (°C )	21	21	21	22	22
Total cloud cover (octa)	4	4	5	4	4
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	45	45	45	45	45
Wind speed (kmph)	16	16	16	16	8
Wind direction (deg)	270	270	270	290	270

**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	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% neem oil 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)		