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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

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11.01.2019

CURRENT SYNOPTIC SITUATION: A trough extending upto 0.9 km above mean sea level runs from coastal Karnataka to south west Madhya Pradesh across North interior Karnataka , Marathwada and Vidarbha

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	12.01.2019	13.01.2019	14.01.2019	15.01.2019	16.01.2019
Rainfall (mm)	0	0	0	0.2	0
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	22	22	22	22	22
Total cloud cover (octa)	1	1	1	5	1
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	35	35	35	35	35
Wind speed (kmph)	14	16	14	12	16
Wind direction (deg)	230	290	230	270	230

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	Panicle initiation	Leaf folder	As a prophylactic measure, apply 2CC <i>Trichogramma chilonis</i> card per acre to control leaf folder. Cut the cards in to small pieces and fix in different parts of the field in plastic cups.
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.
		Shoot and Fruit borer	Shoot and fruit borer affected parts in cowpea can be removed. Apply 5% Neem Kernel Suspension to control shoot and fruit borer in the initial stage. Spray Flubendamide 2ml/10L of water or Chlorantraniliprole 3 ml/10L if the attack is severe.
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)		