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**Agromet Advisory Service Bulletin**

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**ERNAKULAM DISTRICT**

**AAS 47/2018(93), Friday**

**23.11.2018**

**CURRENT SYNOPTIC SITUATION:** A trough of low pressure area at above mean sea level lies over Southeast Arabian Sea & adjoining Maldives-Lakshadweep area extends upto 0.9 km above mean sea level . A trough in easterlies runs from Comorin area to Interior Tamil Nadu at 5.8 km above mean sea level.

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

Weather parameters	24.11.2018	25.11.2018	26.11.2018	27.11.2018	28.11.2018
Rainfall (mm)	30	25	10	7	5
Maximum temperature (°C )	32.1	32.1	32.1	32.1	32.1
Minimum temperature (°C )	24.1	24.1	24.1	24.1	24.1
Total cloud cover (octa)	8	7	5	5	5
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	4	6	6	8	8
Wind direction (deg)	140	270	200	250	250

**As per IMD forecast, moderate rainfall is expected for coming week in the district.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Seedling stage	Rice armyworm	<p>There is a chance of rice armyworm in the paddy field. To control,</p> <ul style="list-style-type: none"> <li>• Complete flooding of field for 24 hours wherever possible.</li> <li>• Spraying of chlorantraniliprole @ 3 ml per 10 litre of water in the field, bunds and weeds.</li> <li>• In the fields where transplanting is not yet undertaken, application of chlorantraniliprole granules @ 4 kg per one acre along with basal dose of fertilizers.</li> <li>• Keep the field bunds and surroundings weed free.</li> </ul>
Vegetables (cowpea)	-	Aphids	<p>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.</p>
Banana	-	Spodoptera	<p>Destroy the affected leaves along with the Spodoptera. If Spodoptera attack is severe, spray quinalphos 2ml per one litre of water or chlorantraniliprole 3 ml per 10 litre of water.</p>
Animal Husbandry	<p>Mix 30g sodium bicarbonate and 1-teaspoon yeast in the feed daily to avoid digestive disorders associated with excessive acidity. (CAADECCS, KVASU, Mannuthy)</p>		