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**Agromet Advisory Service Bulletin**

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**ERNAKULAM DISTRICT**

**AAS 43/2019(86), Friday**

**25.10.2019**

**CURRENT SYNOPTIC SITUATION:** The deep depression over Eastcentral Arabian sea moved northwards and further intensified into a cyclonic storm "KYARR" and lay centred at 0530 hrs. IST of today near 16.0°N and Long 71.3°E, over eastcentral Arabian Sea moved north-northeastwards with a speed of 07 kmph during the past 06 hours, and lay centered at 0830 hrs IST of today, the 25th October 2019 near Lat 16.0°N and Long 71.6°E, over eastcentral Arabian Sea, about 210 km west-southwest of Ratnagiri, 370 km south-southwest of Mumbai and 1870 km east-southeast of Salalah. The Low Pressure Area over north Coastal Andhra Pradesh & adjoining area of south Odisha & westcentral Bay of Bengal has become less marked. However the associated cyclonic circulation lies over Interior Odisha and neighbourhood upto 2.1 km above mean sea level.

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

Weather parameters	26.10.2019	27.10.2019	28.10.2019	29.10.2019	30.10.2019
Rainfall (mm)	20	8	5	5	10
Maximum temperature(°C )	31	31	31	31	31
Minimum temperature (°C )	23	24	24	24	24
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	72	72	72	72	72
Wind speed (kmph)	6	8	12	10	12
Wind direction (deg)	200	290	360	70	90
Total cloud cover (octa)	8	7	6	6	7

**Light rainfall is forecasted in the district by IMD & KAU.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice (Mundakan) Transplanting stage	Leaf folder	Since cloudy weather is prevailed, there is a chance of leaf folder in paddy. As a prophylactic measure, apply 2CC Trichogramma chilonis card per acre to control leaf folder in paddy. Cut the cards in to small pieces and fix in different parts of the field in plastic cups.
Banana	Sigatoka disease	Due to continous rainfall, there is a chance of sigatoka disease in banana. As a precaution, spray pseudomonas 20g per one litre of water. In case of severe attack, spray 2 ml hexaconazole or 1 ml propiconazole per one litre of water by mixing it with a sticker and spray on both the surface of the leaf.
Ginger	Stem borer	There is a chance of stem borer in ginger. Spray 20 g <i>Beauveria</i> per one litre of water to control stem borer.
Cucurbiatacious Vegetables	Downy mildew disease	There is a chance of downy mildew attack in vegetables due to rainy season. Application of 20g Trichoderma or 2g curzate M-8 per litre under the leaves in 15 days interval is effective to control downy mildew disease.
Animal Husbandry		Animal should not be allowed to graze in open grazing lands to avoid lightening risk. (CAADECCS, KVASU Mannuthy)