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Agromet Advisory Service Bulletin

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



ERNAKULAM DISTRICT

AAS 40/2020,(80) Thursday

01.10.2020

CURRENT SYNOPTIC SITUATION: A low pressure is formed over west central and adjoining Bay of Bengal off North Andhra Pradesh –South Odisha coast with associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwestwards with height.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	02.10.2020	03.10.2020	04.10.2020	05.10.2020	06.10.2020
Rainfall (mm)	1	0.8	2	0.6	2
Maximum temperature(°C)	30	30	30	30	30
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	89	89	89	89	89
Minimum Relative Humidity (%)	83	83	83	83	83
Wind speed (kmph)	16	12	12	14	14
Wind direction (deg)	290	270	290	290	320
Total cloud cover (octa)	7	7	7	6	3

As per the forecast of IMD & KAU, there is a chance of light rainfall in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Since low rainfall is expected, pesticide and fertilizer application can be carried out.		
Rice (Mundakan)	Land preparation to transplanting	Land preparation and nursery preparation for second paddy (mundakan) crop can be started. As a prophylactic measure, the root of seedlings can be soaked for 30 minutes in a solution of Pseudomonas culture to control sheath blight, sheath rot, leaf spot disease etc. Before transplanting, spray 20 gram Pseudomonas in one litre of water. The micronutrient deficiency of paddy can be managed during rainy season, by spraying 5 gram of paddy sampoorana in one litre of water.
Coconut	Management	While applying second dose of fertilizers to coconut palms, apply 550 gram urea, 700 gram Rajphos and 800 gram potash under irrigated conditions and apply 500 gram urea, 800 gram Rajphos and one kg potash under rainfed conditions.
Ginger	Stem borer	There is a chance of stem borer in ginger. Spary 20 g <i>Beauveria per</i> one litre of water to control stem borer.
Pepper	Foot rot	As a prophylactic measure to manage foot rot during rainy season, add 2 kg Trichoderma to a mixture of 90 kg FYM &10 kg Neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper.
Vegetables (Cowpea)	Anthrachnose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray copper oxychloride 3 gram per one litre of water.
Animal Husbandry	Ensure the availability of green fodder to the animal daily. Provide mineral and vitamin mixture in prescribed quantity daily.	