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**Agromet Advisory Service Bulletin**

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**ERNAKULAM DISTRICT**

**AAS 39/2020,(77) Tuesday**

**22.09.2020**

**CURRENT SYNOPTIC SITUATION** : The Low Pressure Area over north coastal Odisha and adjoining Northwest Bay of Bengal now lies over North Chattisgarh and neighbourhood with associated cyclonic circulation extending upto 5.8 km above mean sea level tilting southwestwards with height.

**HEAVY RAINFALL WARNING: DAY 1: Heavy rainfall (7- 11 cm in 24 hours)** is very likely to occur at one or two places in the district of Ernakulam

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

Weather parameters	23.09.2020	24.09.2020	25.09.2020	26.09.2020	27.09.2020
Rainfall (mm)	20	17	7	8	8
Maximum temperature(°C )	30	30	30	30	30
Minimum temperature (°C )	24	24	25	25	25
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	82	82	82	82	82
Wind speed (kmph)	24	16	14	14	14
Wind direction (deg)	250	270	270	270	270
Total cloud cover (octa)	8	8	8	8	8

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

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during rainy season.		
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 litter 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	Soft rot	During rainy season, there is a chance of soft rot in ginger. To control, dig out the affected plants and drench the soil with copper oxychloride 2g per one litre of water.
Turmeric	Leaf Blotch	During rainy season, there is a chance of Leaf Blotch in Turmeric. To control, spray 2 ml Contaf (Hexaconazole) in one litre of water.
Vegetables (Cowpea)	Anthracoese 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	Don't allow the animals to graze in water logged areas to avoid foot lesions	