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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 03/2021, (5) Tuesday

12.01.2021

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Comorin area and neighborhood extending up to 4.5 km above mean sea level. The cyclonic circulation over Southeast Arabian Sea & adjoining South west Arabian sea extending up to 1.5 km above mean sea level has moved away westwards.

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 districts of Kollam, Pathanamthitta, Alappuzha, Kottayam, Ernakulam & Idukki and in Lakshadweep.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	13.01.2021	14.01.2021	15.01.2021	16.01.2021	17.01.2021
Rainfall (mm)	5	5	2	3	1
Maximum temperature(°C)	30	30	30	30	30
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	94	94	94	94	94
Minimum Relative Humidity (%)	73	73	73	73	73
Wind speed (kmph)	14	4	6	8	10
Wind direction (deg)	340	320	270	290	290
Total cloud cover (octa)	8	8	7	8	6

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Precaution should be taken during drying of agricultural products and spraying of pesticides.		
Rice (Mundakan) Dough stage	Bacterial Leaf blight	As a prophylactic measure, spray 20 gram Pseudomonas in one litre of water. To control the spread of Bacterial Leaf blight in paddy, spray 6 g of Streptocycline in 30 litre of water.
	Sheath Blight	To control sheath blight disease in rice, spray 4 gram of (Trifloxystrobin +Tebuconazole) mixture in ten litres of water.
	Glume discolouration	During the 50% panicle emergence stage, there is a chance of glume discolouration in rice. To control this, spray 2 gram Kocide per one litre of water.
Banana	Sigatoka disease	If there is sigatoka disease is seen in banana, as a prophylactic measure, spray 1% Bordeaux mixture.
Chilly	Thrips	There is a chance of thrips attack in chilly. Apply 2% neem oil+ garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe, apply spiromecifen 8 ml per ten litre of water. (50 g bar soap was dissolved in hot water and mixed with 200 ml neem oil and 200 gram filtered garlic extract, and diluted with water to make into 10 liter emulsion.)
Animal Husbandry	Vaccinate animals against foot and mouth disease and hemorrhagic septicemia.	