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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 02/2021, (4) Friday

08.01.2021

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Southeast Arabian Sea extending upto 1.5 km above mean sea level. A trough in low level easterlies runs from the above cyclonic circulation over Southeast Arabian Sea to Gujarat region at 0.9 km above mean sea level. A cyclonic circulation lies over Sri Lanka & neighbourhood extending upto 1.5 km above mean sea level.

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, Idukki, Ernakulam, Malappuram., Kozhikode, Wayanad and in Lakshadweep

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	09.01.2021	10.01.2021	11.01.2021	12.01.2021	13.01.2021
Rainfall (mm)	5	5	8	5	4
Maximum temperature(°C)	32	32	32	32	32
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	12	6	4	12	4
Wind direction (deg)	320	290	250	250	230
Total cloud cover (octa)	8	8	8	7	7

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
As per the forecast of IMD & KAU, there is a chance of light rainfall in the district and moderate rainfall in isolated places.		
Rice (Mundakan) Milky 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 litre.
Banana	Sigatoka disease	If there is sigatoka disease is seen in banana, as a prophylactic measure, spray 1% Bordeaux mixture.
Pepper	Slow wilt	To control the slow wilt disease in pepper, drench with three gram Copper Oxy Chloride (COC) per one litre of water in to the basin of each plant.
Vegetables (Bhindi)	Green leaf hopper	There is a chance of green leaf hopper attack in bhindi. Spray 2 g thiamethoxam per ten litre of water.
Animal Husbandry	Vaccinate animals against foot and mouth disease and hemorrhagic septicemia.	