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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 02/2021, (3) Tuesday

05.01.2021

CURRENT SYNOPTIC SITUATION: A trough in low level easterlies at 0.9km above mean sea level runs from east central Arabian sea off Karnataka coast to south Madhya Maharashtra across south Konkan and Goa .Light to moderate Northeasterlies prevail over Kerala in the lower tropospheric levels.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	06.01.2021	07.01.2021	08.01.2021	09.01.2021	10.01.2021
Rainfall (mm)	5	1	2	6	2
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	97	97	97	97	97
Minimum Relative Humidity (%)	57	57	57	57	57
Wind speed (kmph)	14	12	10	10	10
Wind direction (deg)	250	250	270	320	270
Total cloud cover (octa)	7	7	6	7	8

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 light rainfall is forecasted, Precaution should be taken during drying of agricultural products and spraying of pesticides.		
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.	