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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 01/2021, (2) Friday

01.01.2021

CURRENT SYNOPTIC SITUATION: Light to moderate easterlies/Northeasterlies prevails over Kerala in the lower tropospheric levels.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	02.01.2021	03.01.2021	04.01.2021	05.01.2021	06.01.2021
Rainfall (mm)	0.2	0	2	1	5
Maximum temperature(°C)	32	32	32	32	32
Minimum temperature (°C)	24	24	24	24	25
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	64	64	64	64	64
Wind speed (kmph)	14	14	10	14	8
Wind direction (deg)	270	250	230	250	320
Total cloud cover (octa)	4	5	7	6	8

As per the forecast of IMD & KAU, there is a chance of light rainfall in isolated places of 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 Trifloxystrobin + Tebuconazole in ten litre of water.
Banana	Calcium Boron deficiency	Apply lime @ 250g/plant to rectify the calcium deficiency in the soil.
		Boron deficiency is seen during dry weather. Hence, spray 5 grams of sampoorna in one litre of water.
Chilli	White fly	There is a chance of white fly attack in chilli. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.
	Thrips	There is a chance of thrips attack in chilli. Apply 2% neem oil garlic emulsion or spray 2 g Thiamethoxam per ten litres of water.
Animal Husbandry	Assure increased ventilation in the cattle shed.	