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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 10/2021, (20) Friday

05.03.2021

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Kerala at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	06.03.2021	07.03.2021	08.03.2021	09.03.2021	10.03.2021
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C)	32	33	33	33	33
Minimum temperature (°C)	24	25	25	25	25
Maximum Relative Humidity (%)	87	87	87	87	87
Minimum Relative Humidity (%)	53	53	53	53	53
Wind speed (kmph)	18	20	16	12	14
Wind direction (deg)	230	290	290	270	250
Total cloud cover (octa)	3	4	4	6	7

As per the forecast of IMD & KAU, due to no rainfall, harvesting is recommended in matured paddy crop. Dried hay, copra, arecanut, etc. Mulching can be practiced to conserve soil moisture. Below normal rainfall is expected in Kerala.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Since no rainfall is forecasted, drying of agricultural products and spraying of pesticides can be done.		
Rice (Mundakan) Harvesting stage	Brown Plant Hopper (BPH)	There is a chance of brown plant hopper attack in rice. Spray 2 g Thiamethoxam per ten litre of water.
	Rice bug	There is a chance of rice bug attack in paddy. To control, keep the field and bunds free of weeds and grasses. Avoid over lapping cultivation in an area. Spray fish jaggery extract (20 ml/litre of water) or spray chitin based <i>Pseudomonas fluorescens</i> 20 gram in one litre of water. If the attack was severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination. Spraying should be in spiral manner, beginning at the field bunds and progressing towards the field centre.
	Lakshmi disease	There is a chance lakshmi disease attack in paddy, destruction of straw and stubble from infected plant is recommended. If the attack is severe spray 1.5 gram Copper hydroxide (Kocide) in one liter of water at 50% flowering stage.
Brinjal, Chilly	White fly	There is a chance of white fly attack in brinjal and chilly. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.
Animal Husbandry	1. Take precautions to avoid ecto parasitic infestation 2. Fever, shivering, brown coloured urine, off feed are noticed, consult veterinary doctor immediately	