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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 04/2021, (8) Friday

22.01.2021

CURRENT SYNOPTIC SITUATION: The upper air cyclonic circulation lay over Comorin area & neighbourhood at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	23.01.2021	24.01.2021	25.01.2021	26.01.2021	27.01.2021
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C)	32	32	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	4	4	5	5	4
Wind direction (deg)	270	230	230	230	210
Total cloud cover (octa)	1	2	3	3	3

As per the forecast of IMD & KAU, due to no rainfall and prevailing dry weather conditions, irrigation of crops to be continued in the district. 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) 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.
Vegetables (Bitter gourd)	Green leaf hopper	There is a chance of green leaf hopper attack in bittergourd. Spray 2 g thiamethoxam per ten litre of water.
Animal Husbandry	Vaccinate animals against foot and mouth disease and hemorrhagic septicemia. If needed give medicine against worm infestation after dung examination.	