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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 06/2021, (12) Friday

05.02.2021

CURRENT SYNOPTIC SITUATION: A trough in easterlies extending upto 0.9 km above mean sea level runs from equatorial Indian ocean to southwest Bay of Bengal off Sri Lanka coast.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	06.02.2021	07.02.2021	08.02.2021	09.02.2021	10.02.2021
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C)	32	32	32	32	32
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	64	64	64	64	64
Minimum Relative Humidity (%)	51	51	51	51	51
Wind speed (kmph)	16	16	16	16	18
Wind direction (deg)	250	230	230	250	250
Total cloud cover (octa)	1	3	2	1	2

As per the forecast of IMD & KAU, due to no rainfall and prevailing dry weather conditions, irrigation of crops is 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.
	Blast	To control Blast disease in rice, spray 4 gram of Nativo (Trifloxystrobin + Tebuconazole) mixture in ten litres of water.
Banana	Boron deficiency	Boron deficiency is seen more during dry weather. Spray one gram borax per one litre of water.
Cucurbitaceous vegetables	Fruit fly	Remove and destroy affected and decayed fruits. Use special pheromone traps like cuelure (6 no./acre) or Thulasi/fruit traps for vegetable fruit fly. If the attack is not reduced, spray 2 ml Cyantranilprole in one litre of water
Animal Husbandry	Ensure sufficient supply of clean drinking water to the animals. Take measures for preventing mosquito breeding in the premises.	