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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 22/2020,(44) Tuesday

29.05.2020

CURRENT SYNOPTIC SITUATION: A Well Marked Low pressure area lies over Westcentral Arabian Sea with associated cyclonic circulation extending upto mid tropospheric levels. A cyclonic circulation lies over southeast Arabian Sea off Kerala coast between 3.1 and 5.8 km above mean sea level. A trough runs from west Vidarbha to south Tamilnadu across Marathwada and Telangana at 0.9 km above mean sea level.

HEAVY RAINFALL WARNING:

DAY 1: Very Heavy rainfall (12-20 cm in 24 hours) is very likely to occur at one or two places in the districts of Idukki, Erankulam, Alappuzha & Thrissur.
Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Thiruvananthapuram, Kollam, Pathanamthitta & Malappuram and in Lakshadweep.

DAY 2: Very Heavy rainfall (12-20 cm in 24 hours) is very likely to occur at one or two places in the districts of Thiruvananthapuram, Kollam, Idukki, Malappuram & Kozhikode.

Heavy rainfall (7- 11 cm in 24 hours) to Very Heavy rainfall (12-20 cm in 24 hours) is very likely to occur at one or two Places in Lakshadweep.

Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Pathanamthitta Alappuzha, Kottayam, Ernakulam, Thrissur and Kannur .

DAY 3: Very Heavy rainfall (12-20 cm in 24 hours) is very likely to occur at one or two places in the districts of Erankulam, Alappuzha & Kottayam.

Heavy rainfall (7- 11 cm in 24 hours) to Very Heavy rainfall (12-20 cm in 24 hours) is very likely to occur at one or two Places in Lakshadweep.

Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Kollam, Pathanamthitta, Idukki, Thrissur, Kozhikode , Kannur & Malappuram.

DAY 4: Heavy rainfall (7- 11 cm in 24 hours) to Very Heavy rainfall (12-20 cm in 24 hours) is very likely to occur at one or two Places in Lakshadweep.

Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Kottayam, Idukki, Ernakulam, Thrissur, Malappuram, Kozhikode and Kannur.

DAY 5: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Alappuzha, Kottayam, Kollam, Idukki, Ernakulam, Thrissur, Malappuram, Kozhikode & Kannur and in Lakshadweep.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	30.05.2020	31.05.2020	01.06.2020	02.06.2020	03.06.2020
Rainfall (mm)	10	12	6	25	20
Maximum temperature(°C)	32	32	32	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	77	77	77	77	77
Wind speed (kmph)	10	18	20	18	14
Wind direction (deg)	230	200	200	200	200
Total cloud cover (octa)	8	8	8	8	8

As per the forecast of IMD & KAU, there is a chance of moderate rainfall in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Paddy	-	Land preparation for virippu paddyis going on.
Banana	Sigatoka disease	As a prophylactic measure to manage sigatoka disease in banana, spray 20 g Pseudomonas per one litre of water.
Pepper	Foot rot	As a prophylactic measure to manage foot rot in pepper, add 2 kg Trichoderma to a mixture of 90 kg FYM &10 kg Neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper.
Nutmeg	leaf fall	As a precautionary measure to manage leaf falling in nutmeg, spray 1% bordeaux mixture.
Vegetables	-	Addition of cow dung enriched with trichoderma to the soil at the time of planting of vegetables is a prophylactic measure to reduce the fungal diseases.
Animal Husbandry	Before the rainy season begins, keep the cattle shed clean and tidy.	