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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

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CURRENT SYNOPTIC SITUATION: The cyclonic circulation over eastcentral and adjoining southeast Arabian Sea off Karnataka & north Kerala coast, lay over south east and adjoining East central Arabian sea extending upto 4.5 km above mean sea level tilting southwards with height.

HEAVY RAINFALL WARNING: DAY 4: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the district of Ernakulam.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	05.09.2020	06.09.2020	07.09.2020	08.09.2020	09.09.2020
Rainfall (mm)	4	6	30	10	10
Maximum temperature(°C)	31	30	30	30	30
Minimum temperature (°C)	25	24	24	24	24
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	6	6	4	2	6
Wind direction (deg)	180	180	180	320	270
Total cloud cover (octa)	7	7	8	7	8

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during rainy season.		
Rice (Virippu) Panicle Emergence	Rice bug	There is a chance of appearance of rice bug in paddy. To control, spray 2 ml malathion per one 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.
Coconut	Management	While applying second dose of fertilizers o coconut palms, apply 550 gram urea 700 gram Rajphos and 800gram potash under irrigated conditions and apply 500 gram urea, 800gram Rajphos and one kg potash under rainfed conditions.
Nutmeg	Leaf fall	As a precautionary measure to manage leaf falling in nutmeg, spray 1% bordeaux mixture.
Ginger	Bacterial Wilt	As a prophylactic measure to manage Bacterial wilt in ginger, spray a mixture of cow dung slurry (20g cow dung per one litre of water) and pseudomonas solution (20g per one litre of water).
Animal Husbandry	Avoid water logging in the premises of cattle shed. Take measures for avoid housefly and mosquito breeding.	