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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 21/2021, (42)Friday

21.05.2021

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Southeast & adjoining Central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low Pressure Area is very likely to form over East central Bay of Bengal & adjoining north Andaman Sea around 22nd May, 2021. It is very likely to intensify into a cyclonic storm by 24th May 2021. It is very likely to move northwestwards and reach Odisha West Bengal Coast around 26th May morning.

HEAVY RAINFALL WARNING: Day 4: Heavy to very heavy rainfall (12-20cm in 24hours) is very likely to occur at isolated places in the districts of Thiruvananthapuram, Kollam, Pathanamthitta, Alappuzha , Kottayam, Ernakulam & Idukki.

Day 5: Heavy (7- 11 cm in 24 hours) rainfall is very likely to occur at isolated places in the districts of Pathanamthitta, Alappuzha ,Kottayam, Ernakulam , Idukki and Thrissur.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	22.05.2021	23.05.2021	24.05.2021	25.05.2021	26.05.2021
Rainfall (mm)	4	18	16	12	10
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 (%)	68	68	68	68	68
Wind speed (kmph)	5	6	5	5	12
Wind direction (deg)	160	160	160	290	320
Total cloud cover (octa)	8	7	4	5	7

Moderate rainfall is forecasted in the district by IMD & KAU. Above normal rainfall is expected in Kerala.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities have to be ensured. Crop maintenance should be done at intervals before the onset of the next southwest monsoon season as rainfall decreases due to current low pressure.		
Rice	-	Land preparation for virippu paddy can be started.
Banana	Management	Propping should be done to protect banana plants from heavy wind.
	Sigatoka disease	Due to heavy rainfall there is a chance of sigatoka disease in banana. As a precaution, spray 20 g Pseudomonas per one liter of water. In case of severe attack, spray one ml hexaconazole or one ml propiconazole per one litre of water by mixing it with a sticker and spray on both the surface of the leaf.
	Rhizome rot	Due to the increase in rainfall, there is a chance of Rhizome rot in banana. As a precaution, pour 5 litre of pseudomonas solution (20 gm per 1litre) at the basin.
Cucurbitaceous Vegetables	Management	Staking is recommended for vegetables in pandals.
	Downy mildew	There is a chance of downy mildew attack in vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.
Animal Husbandry		Keep the cattle shed and premises clean to avoid mosquito breeding. Avoid water logging near the cattle shed. The cowdung pit can be covered to protect from direct falling of rain.