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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 23/2021, (45) Tuesday

01.06.2021

CURRENT SYNOPTIC SITUATION: The cyclonic circulation over Eastcentral Arabian Sea off Karnataka coast now lies over Eastcentral Arabian Sea & neighbourhood between 3.1 km & 4.5 km above mean sea level. A trough runs from the cyclonic circulation over Eastcentral Arabian Sea & neighbourhood to north Madhya Maharashtra between 3.1 km & 4.5 km above mean sea level. An east-west shear zone at 4.5 km above mean sea level runs roughly along Latitude 8°N. The cyclonic circulation over Interior Tamil Nadu at 3.1 km above mean sea level persists.

HEAVY RAINFALL WARNING: Day 1: Heavy (7- 11 cm in 24 hours) rainfall is very likely to occur at isolated places in the districts of Thiruvananthapuram, Kollam, Pathanamthitta, Alappuzha, Kottayam, Ernakulam, Idukki & Kasaragod.

Day 3: Heavy (7- 11 cm in 24 hours) rainfall is very likely to occur at isolated places in the districts of Thiruvananthapuram, Kollam, Pathanamthitta, Alappuzha, Kottayam, Ernakulam, Idukki and in Lakshadweep.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	02.06.2021	03.06.2021	04.06.2021	05.06.2021	06.06.2021
Rainfall (mm)	10	8	8	7	2
Maximum temperature(°C)	31	30	30	30	30
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	94	94	94	94	94
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	5	4	3	4	3
Wind direction (deg)	320	290	290	320	320
Total cloud cover (octa)	8	6	6	7	5

Moderate rainfall is forecasted in isolated places of the district by IMD & KAU. Below normal rainfall is expected in Kerala.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities have to be ensured. Crop management is required for agricultural crops before monsoon season. If the soil is more acidic, add lime as per soil testing.		
Paddy	Land preparation to transplanting	Transplant seedlings at 4 to 5 leaf stage. The root of seedlings should be soaked for 30 minutes in a solution of <i>Pseudomonas</i> culture @ 10g per one litre of water for one kg of seeds. To control sheath blight, sheath rot, leaf spot disease etc. in future.
Coconut	Bud rot	During rainy season, there is a chance of bud rot disease in coconut. As a prophylactic measure, 1% Bordeaux mixture can be sprayed on coconut crown.
Nutmeg	Leaf fall	There is a chance of leaf fall in nutmeg during monsoon season. As a prophylactic measure spray 1% Bordeaux mixtures.
	Pink disease	Chisel out the infected area and swab or forcefully spray with contaf 5 ml in 100 ml water. After it gets dried apply rubberkote to close the crevices.
Pepper	Foot rot	Foot rot-As a prophylactic measure to manage foot rot during rainy season, 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.
Vegetables (Chilly, Brinjal)	-	Dipping roots in <i>Pseudomonas</i> solution can be recommended before planting seedlings.
Animal Husbandry	Sundry the cattle feed to avoid fungal growth and always store feed in the dry place.	