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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

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02.06.2020

CURRENT SYNOPTIC SITUATION: The Deep Depression over Eastcentral Arabian Sea moved northwards with a speed of 11 kmph during past 06 hours and lay centred at 0830 hours IST of today, the 02nd June, 2020 over Eastcentral Arabian Sea near latitude 15.3°N and longitude 71.2°E, about 280 km west of Panjim (Goa), 450 km south-southwest of Mumbai (Maharashtra) and 670 km south-southwest of Surat (Gujarat). It is very likely to intensify into a Cyclonic Storm during next 06 hours and further into a Severe Cyclonic Storm during subsequent 12 hours. It is very likely to move nearly northwards during next few hours, recurve north-northeastwards thereafter and cross north Maharashtra and adjoining south Gujarat coasts between Harihareshwar and Daman, close to Alibagh (Raigad District, Maharashtra) during the afternoon of 03rd June, 2020 as a Severe Cyclonic Storm with a maximum sustained wind speed of 100-110 kmph gusting to 120 kmph. Conditions are becoming favourable for further advancement of Southwest Monsoon into some parts of Central Arabian Sea and Karnataka; remaining parts of Kerala & Comorin area; some more parts of Tamilnadu, Puducherry & Karaikal and south Bay of Bengal during next 24 hours.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	03.06.2020	04.06.2020	05.06.2020	06.06.2020	07.06.2020
Rainfall (mm)	30	20	15	15	24
Maximum temperature(°C)	32	32	32	32	32
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	8	6	8	8	8
Wind direction (deg)	210	210	230	230	235
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: Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during rainy season..		
Paddy	-	Land preparation and nursery for <i>virippu</i> paddy is going on.
Coconut	Bud rot	There is a chance of bud rot disease in coconut palm, due to continuous rain. Small-perforated sachets (3 nos.) containing 5 g each of mancozeb may be tied to the top crown portion and leaf axil. When it rains, a small quantity of the fungicide is released from the sachets to the leaf base thus protecting the palm.
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 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.
Nutmeg	Leaf fall	As a precautionary measure to manage leaf fall during rainy season, spray 1% bordeaux mixture.
Vegetables (Chilly, Brinjal)	-	Dipping roots in Pseudomonas solution can be recommended before planting seedlings.
Animal Husbandry	Avoid waterlogged area for construction of poultry shed. Extend overhanging roof in order to avoid rainwater falling inside the shed.	