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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 45/2019(89), Tuesday

05.11.2019

CURRENT SYNOPTIC SITUATION: The Extremely Severe Cyclonic Storm 'Maha' (Pronounced as M'maha) over westcentral & adjoining eastcentral Arabian Sea moved northwards, weakened into a Very Severe Cyclonic Storm and lay centered at 0830 hours IST of today, the 5th November, 2019 over westcentral & adjoining eastcentral Arabian Sea near Latitude 19.7°N and Longitude 63.6°E, about 660 km west-southwest of Porbandar, 720 km west-southwest of Veraval and 770 km west-southwest of Diu. The Depression over eastcentral and adjoining southeast Bay of Bengal and north Andaman Sea moved westwards and lay centered at 0830 hours IST of today, the 5th November, 2019 over eastcentral & adjoining southeast Bay of Bengal and North Andaman Sea, near Latitude 13.1°N and Longitude 91.0°E, about 200 km west-northwest of MayaBandar (Andaman Islands), about 920 km south-southeast of Paradip, 1000 km south-southeast of Sagar Islands (West Bengal) and 990 km south-southwest of Khepupara (Bangla Desh).

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	06.11.2019	07.11.2019	08.11.2019	09.11.2019	10.11.2019
Rainfall (mm)	4	3	3	4	10
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	83	83	83	83	83
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	8	8	6	8	8
Wind direction (deg)	320	320	320	320	320
Total cloud cover (octa)	7	5	6	7	8

Light rainfall is forecasted in the district by IMD & KAU.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice (Mundakan) Seedling stage	Gall midge	During rainy season, there is a chance of gall midge attack in mundakan paddy. As a prophylactic measure, root of the seedlings are dipped in 0.02% chlorpyrifos suspension for 12 hours prior to planting.
	Rice case worm	During rainy season, there is a chance of rice case worm in paddy field. To control this 25 kg sawdust or rice husk ash mixed with one litre kerosene (for 1 acre) can be spread after draining the field.
Banana	-	To control leaf curling in banana, due to calcium deficiency, apply 250g lime per banana plant.
Vegetables (cowpea)	Fusarium wilt	Due to continuous rainfall and water logging, there is a chance of fusarium wilt in cowpea. Drain the field properly and drench the soil rhizosphere with 2 g of bavistin or 2 ml of contaf per one litre of water alternatively within 15 days interval to control the disease. Severely affected plants should be removed and destroyed from the field and apply a pinch of bleaching powder in the pit.
Animal Husbandry		Animal should not be allowed to graze in open grazing lands to avoid lightening risk. (CAADECCS, KVASU Mannuthy)