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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 33/2018(65), Tuesday

14.08.2018

CURRENT SYNOPTIC SITUATION: A Low pressure area lies over North west Bay of Bengal off west Bengal - North Odisha coast with associated upper air cyclonic circulation extending upto 7.6 km above mean sea level tilting southwestwards with height . A feeble offshore trough at mean sea level lies off Karnataka- North Kerala coast.

Heavy Rainfall warning: Day1& 2: Heavy rainfall is most likely to occur at a few places and very heavy rainfall most likely to occur at one or two places in Kerala .

Day3, 4 & 5: Heavy rainfall is most likely to occur at one or two places in Kerala.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	15.08.2018	16.08.2018	17.08.2018	18.08.2018	19.08.2018
Rainfall (mm)	30	25	18	15	18
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	24	24	24	24	24
Total cloud cover (octa)	8	8	7	7	7
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	007	007	007	007	007
Wind direction (deg)	270	270	270	270	270

Normal rainfall is expected in Kerala for the coming week.

Moderate rainfall is expected in Ernakulam district for coming days.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
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. Also apply 1% Bordeaux mixture or 0.2% Kocide along with a sticker on the crown.
Banana	Bunching stage	Sigatoka disease	Due to monsoon showers, there is a chance of Sigatoka disease in banana. As a precaution, Spray <i>Pseudomonas</i> 20g/litre. In case of severe attack, spray 2 ml <i>hexaconazole</i> or 1 ml <i>propiconazole</i> per one litre of water by mixing it with a sticker and spray on both the surface of the leaf.
Vegetables (cowpea)	Fruiting stage	Damping off and Rhizoctonia root rot	There is a chance of Damping off, due to continuous rain and water stagnation. <i>Rhizoctonia</i> root rot is also noticed at times in vegetables. Drench the soil with 1.5 g copper hydroxide or 2.5 g copper oxychloride per one litre of water to control damping off and drench with 1 g carbendazim or 2 g SAAF per one litre of water to control Rhizoctonia root rot.
Animal Husbandry	Ensure sufficient supply of clean drinking water to the animals. Take measures for preventing mosquito breeding in the premises. (CAADECCS, KVASU, Mannuthy)		