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Agromet Advisory Service Bulletin

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PALAKKAD DISTRICT

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27.07.2018

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	28.07.2018	29.07.2018	30.07.2018	31.07.2018	01.08.2018
Rainfall (mm)	13	18	22	18	15
Maximum temperature (°C)	29	30	31	31	31
Minimum temperature (°C)	23	24	24	24	24
Total cloud cover (octa)	7	7	8	7	8
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	006	006	006	006	006
Wind direction (deg)	270	270	270	270	270

Moderate rainfall is expected in Palakkad district for coming days.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Coconut	-	Bud rot	Due to continuous rain, there is a chance of bud rot disease in coconut palm. Small perforated sachets containing 2 g 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. Or apply 1% Bordeaux mixture or 0.2% kocide with gum on the crown.
Banana	Bunch emergence stage	Erwinia Rot	Due to continuous rain, there is a chance of Erwinia rot disease in banana. Proper drainage should be ensured. As a precaution, apply lime in the banana basin or bleaching powder in the irrigation channels. To improve the disease resistance, drench the basin with Pseudomonas @ 20g per litre of water. Affected plants can be protected by drenching the basin with 3 g copper oxychloride or 2g copper hydroxide per one litre of water. Spraying can be made more effective by adding 6g of streptomycin in 20 litre of spray solution prepared.
Vegetables (cowpea)	Flowering/Fruiting stage	Downy mildew	There is a chance of downy mildew attack in vegetables due to continuous rain. Application of 20g Trichoderma or 0.2% curzate M-8 or 0.1% Equation pro per one litre of water under the leaves in 15 days interval is effective.
Animal Husbandry	Thoroughly wash the udder of the cow and hands of milking person prior to milking. Dip the teats in 1:1000 potassium permanganate solution after milking. (CAADECCS, KVASU, Mannuthy)		