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**Agromet Advisory Service Bulletin**

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**PALAKKAD DISTRICT**

**AAS 25/2018(50), Friday**

**22.06.2018**

**CURRENT SYNOPTIC SITUATION:** An off shore trough at mean sea level runs from Maharashtra to Kerala coast. A cyclonic circulation lies over northwest Bay of Bengal and neighbourhood between 3.1 and 5.8 km above mean sea level. An east-west shear zone runs roughly along Lat 19 deg N over Indian region between 3.1 & 7.6 km above mean sea level and tilts southwards with height.

**Heavy Rainfall warning: Day 1 to 3:** Heavy rainfall is most likely to occur at one or two places in Kerala.

**Day 4 to 5:** Heavy to very heavy rainfall is most likely to occur at one or two places in Kerala.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	23.06.2018	24.06.2018	25.06.2018	26.06.2018	27.06.2018
Rainfall (mm)	8	18	15	18	20
Maximum temperature (°C )	28	28	28	28	28
Minimum temperature (°C )	23	23	23	23	23
Total cloud cover (octa)	6	8	8	8	8
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	015	015	015	015	015
Wind direction (deg)	250	250	250	250	250

**Below Normal rainfall is expected in Kerala for the coming week**

**Moderate rainfall is expected in Palakkad district for the coming week**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Crop stage / Pest/Disease	Advisories
Banana	Pseudostem weevil	If infestation of pseudostem weevil is noticed, apply 1.5 ml of chlorpyrifos or 2 ml of quinalphos per litre of water by drenching all the leaf axils, rhizome and surrounding soil and all round the entire pseudostem inserting the nozzle through the boreholes made by the larvae.
Coconut	Bud rot	Bud rot disease is seen in coconut palm due to continuous rainfall. Small perforated sachets containing 2 g of mancozeb may be tied to the top of leaf axil. When it rains, a small quantity of the fungicide is released from the sachets to the leaf base thus protecting the palm.
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	Avoid grazing of the animals in waterlogged areas. Farmers should be aware of leptospirosis. Contact nearest veterinary hospital for HS and FMD vaccination. (CAADECCS, KVASU, Mannuthy)	