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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 25/2018(49), Tuesday

19.06.2018

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 217.3 mm. the maximum temperature ranges from 26.9°C to 32.2°C, minimum temperature ranges from 23.9°C to 23.9°C. Morning relative humidity ranges from 92% to 99% and afternoon relative humidity ranges from 70% to 98%. Wind speed ranges from 0.5 to 3.5 km/h. Bright sunshine hours range from 0.0 to 8.8 hours. Evaporation ranges from 1.6 to 3.0 mm.

CURRENT SYNOPTIC SITUATION: An off shore trough at mean sea level runs from South Maharashtra Coast to Kerala Coast. A cyclonic circulation lies over West Central Bay of Bengal and adjoining coastal Andhra Pradesh between 5.8 and 7.6 km above mean sea level.

Heavy Rainfall warning: Day 1, 2, 4 & 5: Heavy rainfall is most likely to occur at isolated places in Kerala.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	20.06.2018	21.06.2018	22.06.2018	23.06.2018	24.06.2018
Rainfall (mm)	45	60	38	45	42
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	23	23	23	23	23
Total cloud cover (octa)	8	8	8	8	8
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	014	014	014	014	014
Wind direction (deg)	250	250	250	250	250

Normal rainfall is expected in Kerala for the coming week

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage / Pest/Disease	Advisories
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.
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.
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)