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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 24/2018(47), Tuesday

12.06.2018

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 234.5 mm. the maximum temperature ranges from 30.0 to 33.0 °C, minimum temperature ranges from 22.5 to 24.0 °C. Morning relative humidity ranges from 93% to 98% and afternoon relative humidity ranges from 66% to 99%. Wind speed ranges from 0.5 to 2.8 km/h. Bright sunshine hours range from 0.0 to 8.3 hours. Evaporation ranges from 1.0 to 3.0 mm.

CURRENT SYNOPTIC SITUATION: An off shore trough at mean sea level lies off Karnataka - Kerala coast.

Heavy Rainfall warning:

Day 1: Heavy rainfall is most likely to occur at a few places and very heavy rainfall is most likely to occur at isolated Places in Kerala.

Day 2: Heavy to very heavy rainfall is most likely to occur at isolated places in Kerala.

Day 3: Heavy rainfall is most likely to occur at isolated places in Kerala.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	13.06.2018	14.06.2018	15.06.2018	16.06.2018	17.06.2018
Rainfall (mm)	25	35	18	25	10
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	24	24	24	24	24
Total cloud cover (octa)	8	8	8	8	7
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	015	015	015	015	015
Wind direction (deg)	250	250	250	250	250

Above normal rainfall is expected in Kerala for the coming week

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage / Pest/Disease	Advisories
Paddy	Land preparation to transplanting	Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of Pseudomonas culture @ 10g/litre per kg of seeds. The above seed treatment can also be used to control sheath blight, sheath rot, leaf spot disease etc.
Ginger and Turmeric	Planting	Suitable time for Ginger and turmeric planting. Prepare land for ginger and turmeric, to avoid foot rot in ginger, sock the plant suckers in 0.3% mancozeb or 0.2% saaf or 2% Pseudomonas solution for 30 minutes.
Vegetables	Downy mildew	There is a chance of downy mildew attack in vegetables due to the south west monsoon. Application of 0.2% curzate M-8 or 0.1% Equation pro or Trichoderma 20g/litre under the leaves in 15 days interval is effective.
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)