



**Kerala Agricultural University, Vellanikkara, Thrissur**  
**Department of Agricultural Meteorology, College of Horticulture**

Email: cohagmet@kau.in & kauagmet@yahoo.co.in

**Agromet Advisory Service Bulletin**

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**CHALAKUDY BLOCK, 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)	20	25	13	20	7
Maximum temperature (°C )	30	30	30	30	30
Minimum temperature (°C )	24	24	24	24	24
Total cloud cover (octa)	8	8	7	8	6
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
Banana	Erwinia Rot	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 5 g bleaching powder or 3 g copper oxychloride or 2g copper hydroxide per one litre of water. Severely affected plants should be cut and removed to prevent the spread of disease.
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)