



**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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**THRISSUR DISTRICT**

AAS 20/2019(39), Tuesday

14.05.2019

**SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:**

The total rainfall received 5.3 mm. The maximum temperature ranges from 33.4°C to 35.7°C, minimum temperature ranges from 23.7°C to 26.7°C. Morning relative humidity ranges from 84 % to 98% and afternoon relative humidity ranges from 51% to 63%. Wind speed ranges from 2.0 to 2.7 km/h. Bright sunshine hours range from 2.3 to 9.9 hours. Evaporation ranges from 2.9 to 5.2 mm.

**CURRENT SYNOPTIC SITUATION:** A cyclonic circulation lies over Marathwada & neighbourhood at 0.9 km above mean sea level. A trough extends from this cyclonic circulation to North Tamil Nadu across Interior Karnataka at 0.9 km above mean sea level. Another cyclonic circulation lies over Comorin area & neighbourhood at 3.1 km above mean sea level..

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

Weather parameters	15.05.2019	16.05.2019	17.05.2019	18.05.2019	19.05.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	34	34	34	34	34
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	12	14	14	12	14
Wind direction (deg)	290	290	290	290	270
Total cloud cover (octa)	6	7	7	5	5

**Less possibility of rainfall is forecasted in the district by IMD & KAU.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
Banana	Sigatoka disease	Propping can be followed to reduce the damage due to high wind speed. There is a chance of sigatoka disease in banana. As a precaution, Spray 20 g <i>Pseudomonas</i> per one litre of water. There is a chance of hairy caterpillar in banana. Collect and destroy them.
Pepper	Foot rot	There is a chance of foot rot in pepper. Add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg Neemcake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper.
Vegetables (cowpea, ivy gourd)	White fly Mealy bug Grass hopper	Due to increase in atmospheric temperature, the attack of insects such as whitefly, mealy bug and grass hopper was increased. They can be controlled by applying 2% neem oil emulsion once in a week.
Animal Husbandry		To prevent Seek advice ectoparasitic infestations. (CAADECCS, KVASU, Mannuthy)