



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

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

**Agromet Advisory Service Bulletin**

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



**THRISSUR DISTRICT**

AAS 16/2020, (32) Friday

17.04.2020

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

The total rainfall received 3.7 mm. The maximum temperature ranges from 35.3°C to 38.4°C, minimum temperature ranges from 23.4°C to 25.5°C. Morning relative humidity ranges from 72% to 89% and afternoon relative humidity ranges from 36% to 60%. Wind speed ranges from 2.0 to 5.6 km/h. Bright sunshine hours range from 8.5 to 10.0 hours. Evaporation ranges from 4.3 to 5.2 mm.

**CURRENT SYNOPTIC SITUATION:** A trough in easterlies at 1.5 km above mean sea level runs from Equatorial Indian Ocean to southeast Arabian Sea off south Kerala coast. A trough/wind discontinuity runs from southeast Madhya Pradesh to south coastal Tamilnadu across Vidarbha, Telangana & South Interior Karnataka extending upto 0.9 km above mean sea level.

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

Weather parameters	18.04.2020	19.04.2020	20.04.2020	21.04.2020	22.04.2020
Rainfall (mm)	2	0.4	0	5	3
Maximum temperature(°C )	36	36	36	36	36
Minimum temperature (°C )	24	24	24	24	24
Maximum Relative Humidity (%)	76	76	76	76	76
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	10	8	10	12	12
Wind direction (deg)	270	270	250	250	290
Total cloud cover (octa)	8	7	6	7	7

**As per the forecast of IMD & KAU, there is a chance of light rainfall in isolated places of the district. Harvesting is recommended in matured paddy crop. Dried hay, copra, arecanut, etc should be protected from summer rain. Mulching can be practiced to conserve soil moisture.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> As a precaution, use bio-pesticides to control the crop pests and diseases.		
Coconut	Management	Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture. The husk can be buried either in linear trenches taken 3 meter away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 meter from the trunk. The trenches may be of 0.5 meter width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5 to 7 years. Instead of husk, coir pith can be buried @ 25 kg/palm/year.
Banana	Pseudo stem weevil	There is a chance of pseudo stem weevil attack in banana. As a precaution, apply 50 g neem cake powder in leaf axils.
	Panama wilt	There is a chance of panama wilt in banana varieties like poovan, kadali etc. Drench the soil with 1 g of carbendazim in one litre of water.
Vegetables	Mosaic virus	There is a chance of mosaic virus attack in vegetables. As a precaution, spray 2% neem oil garlic emulsion once a week.