



**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 45/2019(89), Tuesday

05.11.2019

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

The total rainfall received 93.2 mm. The maximum temperature ranges from 30.2°C to 34.3°C, minimum temperature ranges from 17.8°C to 21.7°C. Morning relative humidity ranges from 77 % to 95% and afternoon relative humidity ranges from 53% to 85%. Wind speed ranges from 0.8 to 9.0 km/h. Bright sunshine hours range from 0.2 to 10.3 hours. Evaporation ranges from 1.7 to 3.1 mm.

**CURRENT SYNOPTIC SITUATION:**The Extremely Severe Cyclonic Storm 'Maha' (Pronounced as M'maha) over westcentral & adjoining eastcentral Arabian Sea moved northwards, weakened into a Very Severe Cyclonic Storm and lay centered at 0830 hours IST of today, the 5<sup>th</sup> November, 2019 over westcentral & adjoining eastcentral Arabian Sea near Latitude 19.7°N and Longitude 63.6°E, about 660 km west-southwest of Porbandar, 720 km west-southwest of Veraval and 770 km west-southwest of Diu. The Depression over eastcentral and adjoining southeast Bay of Bengal and north Andaman Sea moved westwards and lay centered at 0830 hours IST of today, the 5<sup>th</sup> November, 2019 over eastcentral & adjoining southeast Bay of Bengal and North Andaman Sea, near Latitude 13.1°N and Longitude 91.0°E, about 200 km west-northwest of MayaBandar (Andaman Islands), about 920 km south-southeast of Paradip, 1000 km south-southeast of Sagar Islands (West Bengal) and 990 km south-southwest of Khepupara (Bangla Desh).

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

Weather parameters	06.11.2019	07.11.2019	08.11.2019	09.11.2019	10.11.2019
Rainfall (mm)	0.5	2	2	10	10
Maximum temperature(°C)	33	33	33	33	33
Minimum temperature (°C)	21	21	21	21	21
Maximum Relative Humidity (%)	82	82	82	82	82
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	8	6	4	2	4
Wind direction (deg)	320	320	320	320	320
Total cloud cover (octa)	6	7	7	8	8

Light rainfall is forecasted in the district by IMD & KAU.

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice (Mundakan) Seedling stage	Gall midge	During rainy season, there is a chance of gall midge attack in mundakan paddy. As a prophylactic measure, root of the seedlings are dipped in 0.02% chlorpyrifos suspension for 12 hours prior to planting.
	Rice case worm	During rainy season, there is a chance of rice case worm in paddy field. To control this 25 kg sawdust or rice husk ash mixed with one litre kerosene (for 1 acre) can be spread after draining the field.
Banana	-	To control leaf curling in banana, due to calcium deficiency, apply 250g lime per banana plant.
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		Animal should not be allowed to graze in open grazing lands to avoid lightening risk. (CAADECCS, KVASU Mannuthy)

