



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 35/2020,(69) Tuesday

25.08.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 39.0 mm. The maximum temperature ranges from 29.5°C to 31.6°C, minimum temperature ranges from 22.5°C to 23.7°C. Morning relative humidity ranges from 93% to 98% and afternoon relative humidity ranges from 70% to 82%. Wind speed ranges from 0.7 to 1.8 km/h. Bright sunshine hours range from 0.6 to 7.3 hours. Evaporation ranges from 1.2 to 3.6 mm.

CURRENT SYNOPTIC SITUATION: A low Pressure Area lies over southwest Rajasthan & adjoining Pakistan with associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwestwards with height. The Low Pressure Area over North Bay of Bengal & neighbourhood now lies as a Well-Marked Low Pressure Area over the same region with associated cyclonic circulation extending upto 7.6 km above mean level tilting southwestwards with height. A north-south trough runs from Rayalaseema to south Tamilnadu extending upto 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	26.08.2020	27.08.2020	28.08.2020	29.08.2020	30.08.2020
Rainfall (mm)	7	1	0.4	0.1	5
Maximum temperature(°C)	32	32	32	32	32
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	93	93	93	93	93
Minimum Relative Humidity (%)	69	69	69	69	69
Wind speed (kmph)	10	8	10	10	8
Wind direction (deg)	290	290	290	270	270
Total cloud cover (octa)	8	7	7	6	8

As per the forecast of IMD & KAU, there is a chance of light rainfall in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during rainy season.		
Rice (Virippu) Panicle initiation	Bacterial Leaf Blight (BLB)	As a prophylactic measure to manage Bacterial Leaf Blight in waterlogged paddy fields, spray a mixture of cow dung slurry (20g cow dung per one litre of water) and pseudomonas solution (20g per one litre of water) or apply bleaching powder @ 2kg per one acre in the irrigation water.
	Rice bug	There is a chance of appearance of rice bug in paddy. To control, spray 2 ml malathion per one litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
Coconut	Management	While applying second dose of fertilizers to coconut palms, apply 550 gram urea 700 gram Rajphos and 800 gram potash under irrigated conditions and apply 500 gram urea, 800 gram Rajphos and one kg potash under rainfed conditions.
Nutmeg	Leaf fall	As a precautionary measure to manage leaf falling in nutmeg, spray 1% bordeaux mixture.
Ginger	Bacterial Wilt	As a prophylactic measure to manage Bacterial wilt in ginger, spray a mixture of cow dung slurry (20g cow dung per one litre of water) and pseudomonas solution (20g per one litre of water).
Vegetables (Cowpea)	Anthraxnose disease	There is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray copper oxychloride 3 gram per one litre of water.
Animal Husbandry	Avoid water logging in the premises of cattle shed. Take measures for avoid housefly and mosquito breeding.	