



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 02/2021, (4) Friday

08.01.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 43.1 mm. The maximum temperature ranges from 30.5°C to 33.9°C, minimum temperature ranges from 20.5°C to 23.4°C. Morning relative humidity ranges from 68% to 95% and afternoon relative humidity ranges from 48% to 59%. Wind speed ranges from 1.6 to 12.3 km/h. Bright sunshine hours range from 2.1 to 9.4 hours. Evaporation ranges from 4.0 to 5.8 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Southeast Arabian Sea extending upto 1.5 km above mean sea level. A trough in low level easterlies runs from the above cyclonic circulation over Southeast Arabian Sea to Gujarat region at 0.9 km above mean sea level. A cyclonic circulation lies over Sri Lanka & neighbourhood extending upto 1.5 km above mean sea level..

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	09.01.2021	10.01.2021	11.01.2021	12.01.2021	13.01.2021
Rainfall (mm)	6	5	4	4	2
Maximum temperature(°C)	33	33	33	33	33
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	99	99	99	99	99
Minimum Relative Humidity (%)	56	56	56	56	56
Wind speed (kmph)	8	10	2	4	16
Wind direction (deg)	230	50	70	200	70
Total cloud cover (octa)	8	8	7	8	5

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Precaution should be taken during drying of agricultural products and spraying of pesticides.		
Rice (Mundakan) Milky stage	Bacterial Leaf blight	As a prophylactic measure, spray 20 gram Pseudomonas in one litre of water. To control the spread of Bacterial Leaf blight in paddy, spray 6 g of Streptomycin in 30 litre of water.
	Sheath Blight	To control sheath blight disease in rice, spray 4 gram of (Trifloxystrobin +Tebuconazole) mixture in ten litres of water.
	Glume discolouration	During the 50% panicle emergence stage, there is a chance of glume discolouration in rice. To control this, spray 2 gram Kocide per litre.
Banana	Sigatoka disease	If there is sigatoka disease is seen in banana, as a prophylactic measure, spray 1% Bordeaux mixture.
Pepper	Slow wilt	To control the slow wilt disease in pepper, drench with three gram Copper Oxy Chloride (COC) per one litre of water in to the basin of each plant.
Vegetables (Bhindi)	Green leaf hopper	There is a chance of green leaf hopper attack in bhindi. Spray 2 g thiamethoxam per ten litre of water.
Animal Husbandry	Vaccinate animals against foot and mouth disease and hemorrhagic septicemia.	