



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 49/2020,(97) Tuesday

01.12.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.5 mm. The maximum temperature ranges from 31.2°C to 33.8°C, minimum temperature ranges from 18.2°C to 22.9°C. Morning relative humidity ranges from 70% to 95% and afternoon relative humidity ranges from 53% to 70%. Wind speed ranges from 0.8 to 8.5 km/h. Bright sunshine hours range from 2.9 to 9.9 hours. Evaporation ranges from 1.8 to 5.4 mm.

CURRENTSYNOPTICSITUATION:The Deep Depression over Southwest & adjoining Southeast Bay of Bengal moved nearly westwards and lay centered at 0830 hours IST of today, the 01st December, 2020 over the same region near Lat. 7.8°N and Long. 85.7°E, about 500 km east-southeast of Trincomalee (Sri Lanka) and 900 km eastsoutheast of Kanyakumari.

Heavy Rainfall Warning: Heavy rainfall is very likely to occur at isolated places in the district during Day 2, Day 3 and Day 4.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	02.12.2020	03.12.2020	04.12.2020	05.12.2020	06.12.2020
Rainfall (mm)	5	15	25	20	15
Maximum temperature(°C)	33	33	33	33	33
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	86	86	86	86	86
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	16	20	20	20	14
Wind direction (deg)	50	50	50	20	70
Total cloud cover (octa)	4	7	8	8	8

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Since there is a chance of high wind speed, the crops should be protected properly.		
Rice (Mundakan) Panicle initiation	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 Streptocycline in 30 litre of water.
	Leaf folder	There is a chance of leaf folder attack in mundakan Paddy. It can be controlled by using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Chlorantraniliprole @ 3ml per ten litre of water.
	Brown Plant Hopper (BPH)	There is a chance of Brown plant hopper attack in rice. Spray 2 g Thiamethoxam per ten litre of water.
	Sheath Blight	To control sheath blight disease in rice, spray 4 gram Trifloxystrobin +Tebuconazole in ten litre of water.
Banana	Rhizome Weevil	There is a chance of Rhizome Weevil attack in banana. As a precaution apply 250 gram neem cake per pit. Propping can be followed to reduce the damage due to high wind speed.
Tomato	White fly	There is a chance of white fly attack in tomato. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.
Animal Husbandry		1. Take precautions to avoid ecto parasitic infestation. 2. If fever, shivering, brown coloured urine, off feed etc. are noticed, consult veterinary doctor immediately.