



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 48/2020,(95) Tuesday

24.11.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 8.8 mm. The maximum temperature ranges from 31.2°C to 33.5°C, minimum temperature ranges from 17.9°C to 23.1°C. Morning relative humidity ranges from 74% to 86% and afternoon relative humidity ranges from 33% to 63%. Wind speed ranges from 2.9 to 10.5 km/h. Bright sunshine hours range from 2.6 to 10.0 hours. Evaporation ranges from 3.1 to 4.9 mm.

CURRENT SYNOPTIC SITUATION: The Deep Depression over southwest Bay of Bengal moved west-northwestwards and intensified into a Cyclonic Storm “NIVAR” and lay centred at 0530 hrs IST of 24th November, 2020 over southwest Bay of Bengal near latitude 10.0°N and longitude 83.0°E, about 410 km east-southeast of Puducherry and 450 km southeast of Chennai. It is very likely to cross Tamil Nadu and Puducherry coasts between Karaikal and Mamallapuram around Puducherry during 25th November 2020 evening as a severe cyclonic storm with a wind speed of 100-110 kmph gusting to 120 kmph.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	25.11.2020	26.11.2020	27.11.2020	28.11.2020	29.11.2020
Rainfall (mm)	0	0	2	0	0
Maximum temperature(°C)	34	34	34	34	34
Minimum temperature (°C)	18	18	18	18	18
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	4	4	4	4	2
Wind direction (deg)	270	270	230	180	230
Total cloud cover (octa)	2	3	5	3	3

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Precaution should be taken during drying of agricultural products and spraying of pesticides.		
Rice (Mundakan) Panicle initiation	Bacterial Leaf blight	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.
Vegetables (cowpea)	Fruit borer	To control fruit borer in cowpea, apply 5% Neem Kernel Suspension to control fruit borer in the initial stage. Spray Flubendamide 2 ml per ten litre of water or Chlorantraniliprole 3 ml per ten litre if the attack is severe.
Chilli	White fly	There is a chance of white fly attack in chilli. 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.	