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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

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27.11.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.5 mm. The maximum temperature ranges from 32.7°C to 33.8°C, minimum temperature ranges from 17.9°C to 22.9°C. Morning relative humidity ranges from 74% to 93% and afternoon relative humidity ranges from 33% to 70%. Wind speed ranges from 0.8 to 6.1 km/h. Bright sunshine hours range from 4.4 to 10.0 hours. Evaporation ranges from 1.8 to 4.9 mm.

CURRENT SYNOPTIC SITUATION: The Deep Depression over South Rayalaseema & neighbourhood moved nearly north-northwards, weakened into a Depression and lay centred at 2330 hrs IST of 26th November, 2020 over South Coastal Andhra Pradesh & neighbourhood near Lat. 14.0°N and Long 79.5°E, about 35 Km nearly north of Tirupathi and 70 Km south-southwest of Nellore. It moved north-northeastwards and weakened into a Well-Marked Low Pressure Area and lay centered over south Coastal Andhra Pradesh & adjoining Westcentral Bay of Bengal at 0530 hrs IST of 27th November, 2020. A Well-Marked Low Pressure Area lies over south Coastal Andhra Pradesh & adjoining Westcentral Bay of Bengal with associated cyclonic circulation extending upto 4.5 km above mean sea level. A Cyclonic Circulation lies over East Equatorial Indian Ocean & adjoining south Andaman Sea extending upto 5.8 above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	28.11.2020	29.11.2020	30.11.2020	01.12.2020	02.12.2020
Rainfall (mm)	8	6	0	1	9
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	21	21	21	21	21
Maximum Relative Humidity (%)	96	96	96	96	96
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	8	6	8	10	12
Wind direction (deg)	200	90	70	70	50
Total cloud cover (octa)	7	7	6	3	8

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