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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 49/2020,(98) Tuesday

04.12.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 31.2°C to 33.8°C, minimum temperature ranges from 21.2°C to 23.8°C. Morning relative humidity ranges from 66% to 95% and afternoon relative humidity ranges from 51% to 87%. Wind speed ranges from 1.3 to 8.5 km/h. Bright sunshine hours range from 2.9 to 9.9 hours. Evaporation ranges from 1.8 to 6.0 mm.

CURRENT SYNOPTIC SITUATION: The Deep Depression over Gulf of Mannar close to Ramanathapuram district coast remained practically stationary during past six hours and lay centered at 0830 hrs IST of today, 04 December over Gulf of Mannar near Lat. 9.1°N and Long. 78.6°E close to Ramanathapuram district coast, about 40 km southwest of Ramanathapuram, 70 km west-southwest of Pamban and 160 km northeast of Kanniyakumari. The associated wind speed is about 50-60 kmph gusting to 70 kmph.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	05.12.2020	06.12.2020	07.12.2020	08.12.2020	09.12.2020
Rainfall (mm)	10	10	8	4	10
Maximum temperature(°C)	30	30	30	30	30
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	6	6	8	12	18
Wind direction (deg)	340	50	90	70	70
Total cloud cover (octa)	8	8	8	7	7

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Since moderate rainfall is expected, precaution should be taken during drying of agricultural products and spraying of pesticides.		
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.	