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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 44/2020,(87) Tuesday

27.10.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 75.3 mm. The maximum temperature ranges from 29.0°C to 32.4°C, minimum temperature ranges from 20.1°C to 21.6°C. Morning relative humidity ranges from 91% to 97% and afternoon relative humidity ranges from 58% to 75%. Wind speed ranges from 0.4 to 1.6 km/h. Bright sunshine hours range from 0.2 to 10.5 hours. Evaporation ranges from 1.0 to 3.0 mm.

CURRENT SYNOPTIC SITUATION: - A cyclonic circulation lies over central and adjoining southeast Bay of Bengal extending up to 1.5 km above mean sea level. A cyclonic circulation lies over southwest Bay of Bengal off north Tamil Nadu coast between 3.1km & 5.8 km above mean sea level. The cyclonic circulation over Eastcentral Arabian Sea extending up to 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	28.10.2020	29.10.2020	30.10.2020	31.10.2020	01.11.2020
Rainfall (mm)	16	14	10	20	18
Maximum temperature(°C)	33	33	32	32	32
Minimum temperature (°C)	24	24	22	22	22
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	68	68	68	68	68
Wind speed (kmph)	12	8	8	10	10
Wind direction (deg)	340	320	250	270	270
Total cloud cover (octa)	8	8	8	8	8

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.: Pesticide spraying should be avoided during rainy period.		
Rice (Mundakan) Seedling stage	Leaf folder	Since cloudy weather is prevailed, there is a chance of leaf folder attack in <i>Mundakan</i> Paddy. It can be controlled by using <i>trichogramma</i> 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 quinalphos @ 2ml per one litre of water.
	Army worm	There is a chance of rice armyworm in the paddy field. To control, <ul style="list-style-type: none"> Complete flooding of field for 24 hours wherever possible. Spraying of chlorantraniliprole @ 3 ml per ten litre of water in the field, bunds and weeds. In the fields where transplanting is not yet undertaken, application of chlorantraniliprole granules @ 4 kg per one acre along with basal dose of fertilizers. Keep the field bunds and surroundings weed free.
Banana	Planting time	Lime can be applied at 250 gram per plant at the time of planting.
Brinjal	White fly	There is a chance of white fly attack in Brinjal. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.
Animal Husbandry	Mix 30g sodium bicarbonate and 1-teaspoon yeast in the feed daily to avoid digestive disorders associated with excessive acidity.	