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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 46/2020,(92) Friday

13.11.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 32.7°C to 34.3°C, minimum temperature ranges from 20.0°C to 23.6°C. Morning relative humidity ranges from 63% to 88% and afternoon relative humidity ranges from 42% to 58%. Wind speed ranges from 3.1 to 6.0 km/h. Bright sunshine hours range from 5.4 to 10.0 hours. Evaporation ranges from 3.0 to 5.0 mm.

CURRENT SYNOPTIC SITUATION: The cyclonic circulation over Sri Lanka & neighbourhood lay over Comorin area & neighbourhood and extends upto 0.9 km above mean sea level .The trough from cyclonic circulation over Sri Lanka & neighbourhood to Southwest Bay of Bengal off north Tamil Nadu coast is a trough of low at mean sea level over Southwest Bay of Bengal off north Tamil Nadu coast . A trough in easterlies from south Andaman sea to East central Bay of Bengal and extend upto 3.1km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	14.11.2020	15.11.2020	16.11.2020	17.11.2020	18.11.2020
Rainfall (mm)	10	0	10	8	5
Maximum temperature(°C)	34	34	34	34	34
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	6	2	4	6	2
Wind direction (deg)	50	270	270	180	360
Total cloud cover (octa)	8	3	8	8	8

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Drying of agricultural products and spraying of pesticides can be done.		
Rice (Mundakan) Tillering 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 3 ml Chlorantraniliprole in ten litre of water. Otherwise one ml of Flubendiamide in ten litre of water can be sprayed.
Banana	Spodoptera	There is a chance of attack of spodoptera in banana .Destroy the affected leaves along with the spodoptera.
Turmeric	Leaf Blotch	1 % Bordeaux mixture can be sprayed. Otherwise spray 2.5 g mancozeb or 1g carbendazim or 2.5 g copper oxychloride (Blitox or Blue copper) or 2ml hexaconazole (Contaf) or 0.75 ml difenconazole (Score) dissolved in one litre of water. Spraying can be continued at fortnightly intervals depending upon the intensity of the disease.
Chilly	Whitefly/ Stunted growth	There is a chance of white fly and stunted growth attack in chilly. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.
Animal Husbandry	Animal should not be allowed to graze in open grazing lands to avoid lightening risk. Vaccinate animals against foot & mouth disease and haemorrhagic septicaemia	