



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

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03.11.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 33.0°C to 33.6°C, minimum temperature ranges from 21.3°C to 22.7°C. Morning relative humidity ranges from 89% to 97% and afternoon relative humidity ranges from 48% to 68%. Wind speed ranges from 1.0 to 1.5 km/h. Bright sunshine hours range from 5.6 to 8.1 hours. Evaporation ranges from 2.2 to 3.0

CURRENT SYNOPTIC SITUATION A cyclonic circulation lies over Southwest Bay of Bengal off Tamil Nadu coast at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	04.11.2020	05.11.2020	06.11.2020	07.11.2020	08.11.2020
Rainfall (mm)	15	40	15	20	0
Maximum temperature(°C)	34	34	34	34	34
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	2	4	6	6	8
Wind direction (deg)	270	200	160	160	90
Total cloud cover (octa)	7	8	7	8	6

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 rainfall is expected, precaution should be taken during drying of agricultural products and spraying of pesticides..		
Rice (Mundakan) Tillering stage	Leaf folder	Since cloudy weather is prevailed, there is a chance of leaf folder attack in Mundakan 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	Planting time	Lime can be applied at 250 gram per plant at the time of planting.
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	Mix 30g sodium bicarbonate and one teaspoon yeast in the feed daily to avoid digestive disorders associated with excessive acidity.	