



Kerala Agricultural University, Vellanikkara, Thrissur
Department of Agricultural Meteorology, College of Agriculture

Email: cohagmet@kau.in & kauagmet@yahoo.co.in

Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 19/2021, (38) Tuesday

07.05.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 12.8 mm. The maximum temperature ranges from 33.8°C to 37.0°C, minimum temperature ranges from 22.5°C to 24.8°C. Morning relative humidity ranges from 86% to 97% and afternoon relative humidity ranges from 52% to 74%. Wind speed ranges from 1.4 to 1.8 km/h. Bright sunshine hours range from 2.7 to 8.6 hours. Evaporation ranges from 2.2 to 4.3 mm.

CURRENT SYNOPTIC SITUATION: : A cyclonic circulation lies over North Interior Karnataka & neighbourhood at 0.9 km above mean sea level. A trough from the above cyclonic circulation over North Interior Karnataka & neighbourhood runs upto north Kerala at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	08.05.2021	09.05.2021	10.05.2021	11.05.2021	12.05.2021
Rainfall (mm)	3	1	4	5	2
Maximum temperature(°C)	35	35	35	35	35
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	91	91	91	91	91
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	6	8	6	8	6
Wind direction (deg)	250	230	270	250	270
Total cloud cover (octa)	8	8	8	7	8

Moderate rainfall is forecasted in isolated places of the district by IMD & KAU. Above normal rainfall is expected in Kerala.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Precaution should be taken during drying of agricultural products and spraying of pesticides.		
Coconut	Rhinoceros beetle	After thorough cleaning of the crown region, apply 250 g neem cake mixed with equal volume of fine sand (250g) in the inner most 2-3 leaf axils surrounding the spindle leaf. This application has to be repeated thrice a year. (January, May and September/ October) for better results. (or) "Naphthalene balls 12 g (approx. 4 nos) can be put in the innermost 2 leaf axils adjacent to spindle leaf and covered with fine sand, once in 45 days. (or) Spray <i>Metarrhiziumanisopilae</i> (250 ml metarrizhium culture + 750 ml water) in manure pits.
Banana	Sigatoka disease	There is a chance of sigatoka disease in banana. As a precaution, Spray 20 g Pseudomonas per one liter of water. Ensure drainage facilities in low land banana plantations.
Ginger, Turmeric	Planting time	While preparing land for ginger and turmeric cultivations apply 2 to 3 kg lime per cent. As a prophylactic measure against foot rot disease, the ginger and turmeric rhizome should be soaked in the mancozeb or pseudomonas 0.3 percent solution for 30 minutes. Moreover 90 kg FYM mixed with one kg Trichoderma and kept under shade for two weeks with sufficient moisture and can be applied, a few days after planting.
Vegetables	-	Addition of pseudomonas culture to the soil at the time of planting of vegetables will help to reduce fungal diseases
Animal Husbandry		Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospyrosis.