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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 20/2021, (39) Tuesday

11.05.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 105.2 mm. The maximum temperature ranges from 33.8°C to 35.9°C, minimum temperature ranges from 22.5°C to 24.8°C. Morning relative humidity ranges from 84% to 98% and afternoon relative humidity ranges from 50% to 69%. Wind speed ranges from 1.4 to 2.3 km/h. Bright sunshine hours range from 2.7 to 8.5 hours. Evaporation ranges from 2.2 to 4.4 mm.

CURRENT SYNOPTIC SITUATION: A Low pressure area is very likely to form over southeast Arabian Sea around 14th May morning. It is very likely to move north-northwestwards across southeast Arabian Sea and adjoining Lakshadweep area and intensify gradually. It may intensify into a Cyclonic Storm over east central Arabian Sea around 16th May and continue to move north-northwestwards.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	12.05.2021	13.05.2021	14.05.2021	15.05.2021	16.05.2021
Rainfall (mm)	5	3	15	9	50
Maximum temperature(°C)	36	36	36	36	36
Minimum temperature (°C)	24	23	24.6	24	24.4
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	5	8	10	11	15
Wind direction (deg)	140	140	180	70	140
Total cloud cover (octa)	7	6	8	8	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 metarrhizium culture + 750 ml water) in manure pits.
Banana	Pseudo stem weevil	There is a chance of pseudo stem weevil attack in banana. As a precaution, apply 50 g neem cake powder in leaf axils.
Nutmeg	leaf fall	There is a chance of leaf falling in nutmeg, during monsoon season. As a precaution spray 1% Bordeaux mixtures a prophylactic measure.
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	Seek advice to prevent ectoparasitic infestations.	

