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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 17/2021, (33)Tuesday

20.04.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 36.7 mm. The maximum temperature ranges from 32.4°C to 36.0°C, minimum temperature ranges from 21.6°C to 24.4°C. Morning relative humidity ranges from 78% to 98% and afternoon relative humidity ranges from 51% to 67%. Wind speed ranges from 1.1 to 2.6 km/h. Bright sunshine hours range from 1.3 to 9.7 hours. Evaporation ranges from 2.6 to 4.5 mm.

CURRENT SYNOPTIC SITUATION: A North-South trough runs from southwest Madhya Pradesh to south Tamil Nadu across Vidarbha, Telangana and Rayalaseema between 0.9 km & 1.5 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	21.04.2021	22.04.2021	23.04.2021	24.04.2021	25.04.2021
Rainfall (mm)	5	5	4	3	1
Maximum temperature(°C)	32	33	33	33	33
Minimum temperature (°C)	20	21	21	21	21
Maximum Relative Humidity (%)	93	93	93	93	93
Minimum Relative Humidity (%)	66	66	66	66	66
Wind speed (kmph)	8	8	6	10	6
Wind direction (deg)	270	270	250	250	270
Total cloud cover (octa)	8	7	8	7	7

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.		
Rice	-	Dry sown crop is starting, the land should be prepared well by through ploughing and levelling. Dress the seeds with pseudomonas before sowing. (10 gram of pseudomonas per one kg of paddy seeds.)
Coconut	Management	During the beginning of southwest monsoon season, one-kilogram lime can be applied per one matured palm by opening the coconut basin.
Banana	Sigatoka disease	There is a chance of sigatoka disease in banana. As a precaution, Spray 20 g Pseudomonas per one liter of water.
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 0.3 percent mancozeb or pseudomonas solution (3 gram per one liter of water) 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.
Animal Husbandry	Assure increased ventilation in the shed.	