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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 27/2021, (54)Friday

02.07.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 24.5 mm. The maximum temperature ranges from 30.5C to 33.0°C, minimum temperature ranges from 22.7°C to 24.5°C. Morning relative humidity ranges from 89% to 95% and afternoon relative humidity ranges from 64% to 98%. Wind speed ranges from 0.3 to 1.5 km/h. Bright sunshine hours range from 0.8 to 10.5 hours. Evaporation ranges from 2.0 to 3.9 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over south coastal Tamil Nadu & neighbourhood extending upto 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	03.07.2021	04.07.2021	05.07.2021	06.07.2021	07.07.2021
Rainfall (mm)	8	8	5	15	7
Maximum temperature(°C)	31	32	32	32	32
Minimum temperature (°C)	24	23	23	23	23
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	63	63	63	63	63
Wind speed (kmph)	8	6	10	8	6
Wind direction (deg)	250	270	270	270	230
Total cloud cover (octa)	8	8	7	8	8

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing.		
Paddy (virippu)	Seedling stage	15 to 20 days after transplanting, to control the weeds, spray the weedicide Bispyribac sodium (Nominee gold/Adora/Taarak) 120 ml per Acre.
Coconut	Management	During the beginning of southwest monsoon season, one-kilogram lime can be applied per matured palm by opening the coconut basin.
Banana	Sigatoka disease	Ensure drainage facilities in low land banana plantations. As a prophylactic measure spray 1% Bordeaux mixture. If Sigatoka attack is seen, spray one milli liter hexaconazole or one milli liter propiconazole per one liter of water on both the surface of the leaf.
Cucurbitaceous Vegetables	Downy mildew	Due to high relative humidity, there is a chance of downy mildew attack in cucurbitaceous vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.
Vegetables (Cowpea & chilly)	Anthraco nose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea and chilly. As a prophylactic measure, apply 1% Bordeaux mixture or spray pseudomonas 20 gm per liter.
Animal Husbandry		Keep the cattle shed and premises clean to avoid mosquito breeding. Avoid water logging near the cattle shed. The cow dung pit can be covered to protect from rain water.