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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 21/2021, (41) Tuesday

18.05.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 287.5 mm. The maximum temperature ranges from 26.1°C to 33.7°C, minimum temperature ranges from 20.4°C to 24.0°C. Morning relative humidity ranges from 88% to 99% and afternoon relative humidity ranges from 70% to 98%. Wind speed ranges from 0.6 to 3.2 km/h. Bright sunshine hours range from 0.0 to 5.9 hours. Evaporation ranges from 0.4 to 3.0 mm.

CURRENT SYNOPTIC SITUATION: The Extremely Severe Cyclonic Storm "Tauktae" weakened into a Very Severe Cyclonic Storm over Saurashtra, moved northnortheastwards with a speed of about 10 kmph during past 06 hours, further weakened into a Severe Cyclonic Storm and lay centred at 0830 hours IST of today, the 18th May, 2021 over Saurashtra near latitude 21.6°N and longitude 71.3°E, about 10 km east of Amreli, 130 km southsouthwest of Surendranagar and 210 km southwest of Ahmedabad. It is very likely to move north-northeastwards and weaken gradually into a cyclonic storm during next 03 hours and into a Depression by today evening. The remnant of the system is very likely to move northeastwards across Rajasthan to west Uttar Pradesh during 19th & 20th May.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	19.05.2021	20.05.2021	21.05.2021	22.05.2021	23.05.2021
Rainfall (mm)	22	10	6	11	11
Maximum temperature(°C)	33	34	34	34	34
Minimum temperature (°C)	23	25	25	25	25
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	8	8	6	4	6
Wind direction (deg)	230	230	230	230	230
Total cloud cover (octa)	8	8	7	8	7

According to the IMD and KAU, there is a chance of decrease in the intensity of rainfall for coming days in the district. Above normal rainfall is expected in Kerala.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities have to be ensured. Crop maintenance should be done at intervals before the onset of the next southwest monsoon season as rainfall decreases due to current low pressure.		
Rice	-	Land preparation for virippu paddy can be started.
Banana	Management	Propping should be done to protect banana plants from heavy wind.
	Sigatoka disease	Due to heavy rainfall there is a chance of sigatoka disease in banana. As a precaution, spray 20 g Pseudomonas per one liter of water. In case of severe attack, spray one ml hexaconazole or one ml propiconazole per one litre of water by mixing it with a sticker and spray on both the surface of the leaf.
	Rhizome rot	Due to the increase in rainfall, there is a chance of Rhizome rot in banana. As a precaution, pour 5 litre of pseudomonas solution (20 gm per 1litre) at the basin.
Cucurbitaceous Vegetables	Management	Staking is recommended for vegetables in pandals.
	Downy mildew	There is a chance of downy mildew attack in vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.
Animal Husbandry	Keep the cattle shed and premises clean to avoid mosquito breeding. Avoid water logging near the cattle shed. The cowdung pit can be covered to protect from direct falling of rain.	