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Agromet Advisory Service Bulletin

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



THRISSUR DISTRICT

AAS 22/2021, (43)Tuesday

25.05.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 28.9 mm. The maximum temperature ranges from 29.4°C to 33.0°C, minimum temperature ranges from 21.7°C to 23.1°C. Morning relative humidity ranges from 89% to 98% and afternoon relative humidity ranges from 61% to 93%. Wind speed ranges from 0.5 to 2.4 km/h. Bright sunshine hours range from 0.0 to 6.5 hours. Evaporation ranges from 1.5 to 3.0 mm.

CURRENT SYNOPTIC SITUATION: The Cyclonic Storm ‘Yaas’ (pronounced as ‘Yass’) is very likely to move north northwestwards, intensify further into a Very Severe Cyclonic Storm during next 12 hours. It would continue to move north northwestwards, intensify further and reach Northwest Bay of Bengal near north Odisha and West Bengal coasts very close to Chandbali-Dhamra port by the early morning of Wednesday, by 26th May. It is very likely to cross north Odisha-West Bengal coasts between Paradip and Sagar islands close to north of Dhamra and south of Balasore, during noon of Wednesday, 26th May as a Very Severe Cyclonic Storm.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	26.05.2021	27.05.2021	28.05.2021	29.05.2021	30.05.2021
Rainfall (mm)	14	6	6	8	12
Maximum temperature(°C)	34	34	34	34	34
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	71	71	71	71	71
Wind speed (kmph)	8	6	4	5	6
Wind direction (deg)	340	340	320	290	290
Total cloud cover (octa)	8	7	4	5	6

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities have to be ensured. Crop management is required for agricultural crops before monsoon season. If the soil is more acidic, add lime as per soil testing.		
Rice	Land preparation	Land preparation for virippu paddy can be started.
Coconut	Bud rot	During rainy season, there is a chance of bud rot disease in coconut. As a prophylactic measure, 1% Bordeaux mixture can be sprayed on coconut crown.
Nutmeg	Leaf fall	There is a chance of leaf fall in nutmeg during monsoon season. As a prophylactic measure spray 1% Bordeaux mixtures.
	Pink disease	Chisel out the infected area and swab or forcefully spray with contaf 5 ml in 100 ml water. After it gets dried apply rubberkote to close the crevices.
Pepper	Foot rot	Foot rot-As a prophylactic measure to manage foot rot during rainy season, add 2 kg Trichoderma to a mixture of 90 kg FYM & 10 kg Neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper.
Ginger and Turmeric	Rhizome rot	During rainy season, there is a chance of rhizome rots in ginger and turmeric, apply spray 20 gram Pseudomonas in one liter of water and drench the basin.
Animal Husbandry	Avoid water logging near the cattle shed. Ensure proper ventilation in the cattle shed. The poultry shed should be kept free from moisture. Stir the litter occasionally and add fresh litter if required.	