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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 22/2021, (44)Friday**

**28.05.2021**

**SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:**

The total rainfall received 133.6 mm. The maximum temperature ranges from 28.0°C to 33.9°C, minimum temperature ranges from 21.0°C to 23.2°C. Morning relative humidity ranges from 90% to 98% and afternoon relative humidity ranges from 61% to 98%. Wind speed ranges from 0.4 to 2.2 km/h. Bright sunshine hours range from 0.0 to 8.3 hours. Evaporation ranges from 1.5 to 3.7 mm.

**CURRENT SYNOPTIC SITUATION:** The Depression (Remnant of Very Severe Cyclonic Storm ‘YAAS’) over south Bihar and adjoining Jharkhand moved northnorthwestwards, weakened into a Well Marked Low Pressure Area and lay centred at 0530 hrs IST of today, the 28th May, 2021 over Bihar and adjoining East Uttar Pradesh. It now lies over eastern parts of East Uttar Pradesh & adjoining Bihar and the associated cyclonic circulation extends upto 7.6 km above mean sea level. The system is very likely to move northwestwards and weaken further into a Low pressure area during next 12 hours.

**HEAVY RAINFALL WARNING:** Day 3: Heavy (7- 11 cm in 24 hours) rainfall is very likely to occur at isolated places in the districts of Alappuzha , Kottayam, Ernakulam , Idukki & Thrissur.

Day 4: Heavy (7- 11 cm in 24 hours) rainfall is very likely to occur at isolated places in the districts of Ernakulam, Idukki & Thrissur.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	29.05.2021	30.05.2021	31.05.2021	01.06.2021	02.06.2021
Rainfall (mm)	5	15	30	20	16
Maximum temperature(°C )	33	33	33	33	33
Minimum temperature (°C )	22	22	22	22	22
Maximum Relative Humidity (%)	99	99	99	99	99
Minimum Relative Humidity (%)	66	66	66	66	66
Wind speed (kmph)	6	7	7	4	5
Wind direction (deg)	320	270	290	320	320
Total cloud cover (octa)	6	8	7	8	8

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

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> 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, 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.	