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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 21/2020, (41) Tuesday

19.05.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall 33.8 mm. The maximum temperature ranges from 32.5°C to 37.9°C, minimum temperature ranges from 21.0°C to 25.6°C. Morning relative humidity ranges from 85% to 97% and afternoon relative humidity ranges from 60% to 82%. Wind speed ranges from 1.1 to 3.1 km/h. Bright sunshine hours range from 0.5 to 8.9 hours. Evaporation ranges from 2.3 to 4.7 mm.

CURRENT SYNOPTIC SITUATION: The Super Cyclonic Storm ‘AMPHAN’ over Westcentral Bay of Bengal moved northnortheastwards and lay centered at 0830 IST of today, the 19th May 2020 near latitude 16.0°N and longitude 86.8°E over Westcentral Bay of Bengal about 480 km nearly south of Paradip (Odisha), 630 km southsouthwest of Digha (West Bengal) and 750 km southsouthwest of Khepupara (Bangladesh).

HEAVY RAINFALL WARNING:

DAY 1: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Alappuzha, Pathanamthitta, Kottayam, Idukki, Eranakulam and Thrissur.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	20.05.2020	21.05.2020	22.05.2020	23.05.2020	24.05.2020
Rainfall (mm)	20	0	0	0	0
Maximum temperature(°C)	30	31	33	33	33
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	94	94	94	94	94
Minimum Relative Humidity (%)	74	74	74	74	74
Wind speed (kmph)	10	12	10	8	10
Wind direction (deg)	320	250	230	270	270
Total cloud cover (octa)	8	8	7	6	5

As per the forecast of IMD & KAU, the rainfall may show a decreasing trend in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Paddy	-	Land preparation for <i>Virippu</i> paddy can be started.
Banana	Pseudo stem weevil	There is a chance of pseudo stem weevil attack in banana. As a precaution, apply 50 g neem cake powder in leaf axils.
Pepper	Foot rot	As a prophylactic measure to manage foot rot in pepper, add 2 kg trichoderma to a mixture of 90 kg FYM and 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.
Nutmeg	Leaf fall	As a precautionary measure to manage leaf fall in nutmeg, spray 1% bordeaux mixture.
Ginger/Turmeric	-	Prepare land for ginger and turmeric. To avoid foot rot in ginger, sock the suckers in 0.3% mancozeb/ pseudomonas solution for 30 minutes.
Vegetables	-	Addition of cow dung enriched with trichoderma to the soil at the time of planting of vegetables will help to reduce fungal diseases.
Animal Husbandry		Before the rainy season begins, keep the crib clean and tidy.