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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 20/2020, (40) Friday

15.05.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 33.9°C to 37.9°C, minimum temperature ranges from 24.6°C to 26.2°C. Morning relative humidity ranges from 85% to 92% and afternoon relative humidity ranges from 51% to 70%. Wind speed ranges from 1.9 to 2.6 km/h. Bright sunshine hours range from 2.1 to 9.0 hours. Evaporation ranges from 3.4 to 5.2 mm.

CURRENT SYNOPTIC SITUATION: A Well-Marked Low Pressure lies over southeast Bay of Bengal & neighbourhood with associated cyclonic circulation extending up to mid-tropospheric levels.

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, Kottayam & Idukki and Lakshadweep.

DAY 2: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Idukki, Ernakulam & Thrissur and Lakshadweep

DAY 3: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Alappuzha, Idukki, Ernakulam & Thrissur.

DAY 4: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Alappuzha, Kottayam, Idukki, Ernakulam & Thrissur.

DAY 5: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the district of Idukki.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	16.05.2020	17.05.2020	18.05.2020	19.05.2020	20.05.2020
Rainfall (mm)	8	12	25	20	10
Maximum temperature(°C)	36	36	36	36	36
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)	6	12	10	12	14
Wind direction (deg)	270	270	250	290	290
Total cloud cover (octa)	8	8	8	8	8

As per the forecast of IMD & KAU, there is a chance of moderate rainfall in the district and heavy rainfall in isolated places.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Coconut	Rhinoceros beetle	After thorough cleaning of the crown region, apply 250 g neem cake mixed with equal volume of fine sand (250g) in the inner most 2-3 leaf axils surrounding the spindle leaf. This application has to be repeated thrice a year. (January, May and September/ October) for better results. Or naphthalene balls 12 g (approx. 4 nos) can be put in the innermost 2 leaf axils adjacent to spindle leaf and covered with fine sand, once in 45 days. Or spray <i>Metarrhizium anisopilae</i> (250 ml metarrhizium culture + 750 ml water) in manure pits.
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.
Nutmeg	Leaf fall	There is a chance of leaf falling in nutmeg. As a precaution 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 pseudomonas culture to the soil at the time of planting of vegetables will help to reduce fungal diseases.