



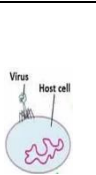



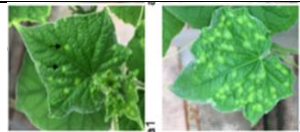

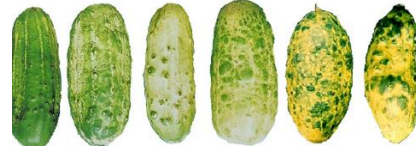



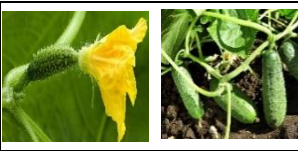

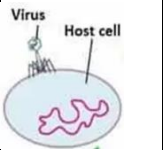




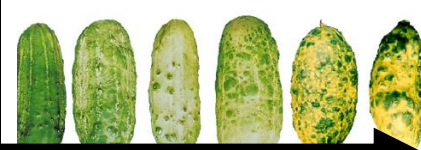


Disease Weather Calendar of *Rabi* season Cucumber (Cucumber Mosaic virus disease): Chattogram Region (Districts: Chittagong, Cox's Bazar, Noakhali, Feni, Lakshmpur) Bangladesh

Region: Chattogram		Rabi season Cucumber: Cucumber Mosaic virus disease														Life Span 110-120				
Weather warning	Months	October					November					December				January				
	Max. Temp. (°C)	32 °C																		
	Min. Temp. (°C)	26 °C																		
	RH Max (%)	Disease development favored by certain rising relative humidity																		
	RH Min (%)	Disease development correlated with relative humidity as the humidity decreased the disease incident decreased																		
	Rainfall (mm)	Disease development favored by rainfall																		
Weekly normal weather	Std. Week/Normal	40	41	42		43	44	45	46	47	48	49	50	51	52	1	2	3	4	
	Rainfall (mm)	66.7	75.7	43.7		26.0	19.3	21.7	14.3	9.0	11.7	1.0	4.0	2.3	2.0	0.3	0.7	0.7	1.3	
	Max. Temp. (°C)	32.2	31.9	32.1		31.9	31.5	31.2	30.5	29.9	29.0	28.6	27.8	26.9	26.6	26.5	26.1	26.6	26.9	
	Min. Temp. (°C)	25.0	24.8	24.5		23.3	22.8	21.6	20.2	19.2	18.0	17.0	16.3	15.3	14.9	14.1	13.9	14.1	14.1	
	RH max (%)	96.0	96.1	95.8		95.0	94.9	94.7	94.4	94.1	94.5	94.4	94.2	94.4	94.1	93.8	93.1	92.9	91.6	
	RH Min (%)	69.9	68.8	66.7		62.2	62.2	58.1	55.4	52.0	50.8	49.5	50.0	50.3	49.1	48.2	47.1	44.9	42.3	
	SS hr (hrs)	42.8	45.8	49.8		53.3	52.3	54.0	55.5	56.5	55.5	54.8	52.8	50.8	51.3	53.3	50.8	53.8	56.5	
Growth stage																				
		Spouting & Seedling					vegetative growth					Flowering & fruiting				Harvesting				
Disease cycle																				
		Virus attachment on host cell	Penetration, Replication & release	Transmission	Disease development	Virus attachment on host cell to Disease development process continued up to maturity stage 														

Disease Weather Calendar of *Kharif* season Cucumber (Cucumber Mosaic virus disease): Chattogram Region (Districts: Chittagong, Cox's Bazar, Noakhali, Feni, Lakshmipur) Bangladesh

Region: Chattogram		Kharif season Cucumber: Cucumber Mosaic virus disease							Life Span 90-100									
Weather warning	Months	April		May					June			July						
	Max. Temp. (°C)	32 °C																
	Min. Temp. (°C)	26 °C																
	RH Max (%)	Disease development favored by certain rising relative humidity																
	RH Min (%)	Disease development correlated with relative humidity as the humidity decreased the disease incident decreased																
	Rainfall (mm)	Disease development favored by rainfall																
Weekly normal weather	Std. Week/Normal	16	17	18		19	20	21	22	23	24	25	26	27	28			
	Rainfall (mm)	34.3	36.0	62.7		61.3	70.3	88.7	88.0	119.3	161.0	180.7	197.3	201.7	156.0			
	Max. Temp. (°C)	32.7	32.9	32.8		32.9	32.8	32.5	32.3	32.1	31.5	31.3	30.9	30.7	31.1			
	Min. Temp. (°C)	24.4	24.5	24.5		24.8	25.2	25.2	25.6	25.6	25.4	25.4	25.2	25.4	25.3			
	RH max (%)	92.6	92.8	92.9		93.3	93.5	93.9	94.0	94.9	95.3	95.1	95.9	96.0	95.7			
	RH Min (%)	61.6	62.0	62.3		64.1	66.1	68.9	70.2	71.9	74.8	75.3	77.3	77.7	76.4			
	SS hr (hrs)	54.8	55.3	52.8		55.0	48.0	42.8	40.3	36.8	28.0	28.0	25.3	24.0	29.0			
	Growth stage																	
Spouting & Seedling				vegetative growth			Flowering & fruiting			Harvesting								
Disease cycle																		
	Virus attachment on host cell		Penetration, Replication & release		Transmission		Disease development		Virus attachment on host cell to Disease development process continued up to maturity stage									