



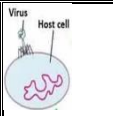




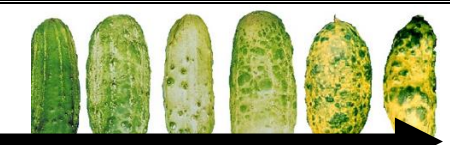










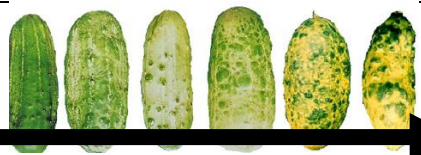


Crop Disease Weather Calendar of *Rabi* season Cucumber (Cucumber Mosaic virus disease): Bogra Region (Districts: Bogra, Pabna, Sirajgonj, Joypurhat) Bangladesh

Region: Jashore		<i>Rabi</i> season Cucumber: Cucumber Mosaic virus disease										Life Span: 100-120 days						
Weather warning	Months	February					March					April			May			
	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	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Rainfall (mm)	1.0	4.0	3.0	5.0	2.0	4.0	3.0	8.0	8.0	12.0	26.0	28.0	37.0	42.0	45.0	58.0	59.0
	Max. Temp. (°C)	26.9	27.7	28.6	29.3	30.9	31.9	32.9	32.9	33.9	34.3	34.0	33.6	33.1	33.6	33.4	33.3	33.9
	Min. Temp. (°C)	13.6	14.6	15.4	16.4	17.4	18.3	20.0	21.1	22.3	23.0	23.0	23.1	23.3	23.9	24.3	24.6	25.0
	RH Max (%)	92.1	91.4	90.4	88.7	89.1	86.4	86.3	87.7	88.0	88.3	90.6	90.9	92.4	92.4	92.7	93.0	93.7
	RH Min (%)	41.4	40.3	39.1	38.0	36.9	37.1	39.1	45.3	44.4	45.9	50.7	54.9	57.3	58.7	60.0	63.4	64.6
	SS hr (hrs)	52.0	53.0	56.0	60.0	59.0	61.0	58.0	56.0	56.0	56.0	55.0	52.0	48.0	50.0	49.0	46.0	44.0
	Growth stages																	
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													

Crop Disease Weather Calendar of *Kharif* season Cucumber (Cucumber Mosaic virus disease): Bogra Region (Districts: Bogra, Pabna, Sirajgonj, Joypurhat) Bangladesh

Region: Bogra		Kharif season Cucumber: Cucumber Mosaic virus disease										Life Span: 100-120 days							
Weather warning	Months	July					August					September			October				
	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	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
Rainfall (mm)	93.0	80.0	91.0	76.0	63.0	61.0	72.0	67.0	56.0	60.0	60.0	76.0	74.0	51.0	42.0	25.0	18.0		
Max. Temp. (°C)	32.0	31.9	32.0	32.1	32.3	32.6	32.1	32.3	32.6	32.3	32.0	32.1	32.0	32.1	32.3	32.0	31.6		
Min. Temp. (°C)	26.0	26.1	26.0	26.1	26.3	26.9	26.3	26.4	26.1	26.0	26.0	26.0	25.1	25.0	24.0	23.4	21.7		
RH max (%)	95.9	95.9	95.9	95.9	95.1	95.3	95.6	95.9	95.7	95.9	96.3	96.1	96.4	96.0	96.0	95.7	95.1		
RH Min (%)	73.3	74.1	74.4	73.3	72.0	71.9	73.3	72.7	71.7	72.0	72.3	70.7	71.0	68.7	66.0	62.1	57.9		
SS hr (hrs)	28.0	31.0	29.0	28.0	35.0	37.0	36.0	31.0	35.0	35.0	35.0	37.0	37.0	44.0	48.0	54.0	57.0		
Growth stages																			
	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														