

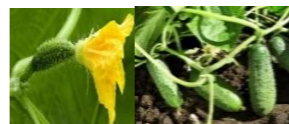

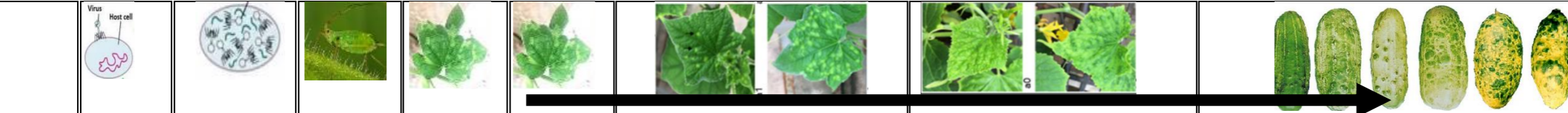


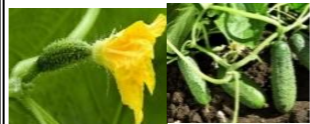


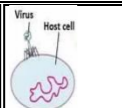





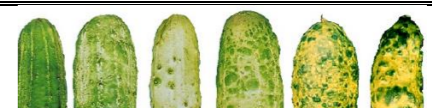


Crop Disease Weather Calendar of *Rabi* season Cucumber (Cucumber Mosaic virus disease): Dinajpur Region (Districts: Dinajpur, Thakurgaon, Panchagaor) Bangladesh

Dinajpur Region		Rabi season Cucumber: Cucumber Mosaic virus disease										Life span 120-130 day									
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	5
	Rainfall (mm)	62.0	42.0	39.0		11.0		5.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	4.0	2.0	2.0	3.0	2.0	1.0
	Max. Temp. (°C)	32.0	31.6	31.3		31.0		30.3	29.7	29.0	28.7	28.0	27.0	25.4	24.9	23.9	22.6	22.4	23.0	23.7	25.0
	Min. Temp. (°C)	24.7	23.9	22.4		20.4		19.4	18.3	16.9	15.6	14.0	13.3	12.9	12.0	10.9	10.7	10.3	10.0	10.6	11.1
	RH Max (%)	96.0	96.1	96.3		96.0		96.0	95.9	95.9	95.3	95.6	96.1	96.4	96.3	96.6	96.7	96.3	96.4	95.9	94.7
	RH Min (%)	68.3	66.3	62.7		57.1		55.4	53.0	51.6	48.1	47.6	49.0	52.9	52.7	54.0	55.1	53.7	52.4	50.4	47.7
	SS hr (hrs)	42.0	45.0	51		55		55	56	52.0	54.0	53.0	48.0	42.0	41.0	37.0	34.0	34.0	37.0	41.0	44.0
Growth stages																					
	Spouting & Seedling					vegetative growth					Flowering & fruiting				Harvesting						
Disease life 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 Mosaic virus disease): Dinajpur Region (Districts: Dinajpur, Thakurgaon, Panchagaor) Bangladesh

Region: Jashore		kharif season Cucumber: Cucumber Mosaic virus disease										Life Span: 100-120 days									
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	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
	Rainfall (mm)	8.0	8.0	25.0	23.0	31.0	36.0	57.0	55.0	73.0	57.0	77.0	111.0	96.0	109.0	105.0	81.0	84.0			
	Max. Temp. (°C)	33.0	33.4	33.0	32.4	32.3	32.9	33.0	33.0	33.4	33.3	33.0	32.3	32.4	32.0	32.1	32.1	32.3			
	Min. Temp. (°C)	20.4	21.1	22.0	22.0	22.3	22.9	23.6	24.0	24.4	25.0	25.1	25.6	26.0	26.0	26.0	26.0	26.0			
	RH Max (%)	86.6	87.4	89.4	91.1	92.3	92.0	92.1	92.4	92.7	93.4	93.9	94.7	94.4	95.1	94.6	94.4	94.7			
	RH Min (%)	40.9	43.4	50.9	53.7	57.6	57.3	59.3	62.4	62.3	65.4	67.7	71.4	71.6	73.3	72.7	71.9	71.6			
	SS hr (hrs)	52.0	55.0	49.0	50.0	49.0	51.0	48.0	44.0	42.0	40.0	35.0	27.0	31.0	27.0	29.0	31.0	36.0			
	Growth stages																				
Disease life Cycle							Virus attachment on host cell to Disease development process continued up to maturity stage														
Disease life Cycle																					
Disease life 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															