



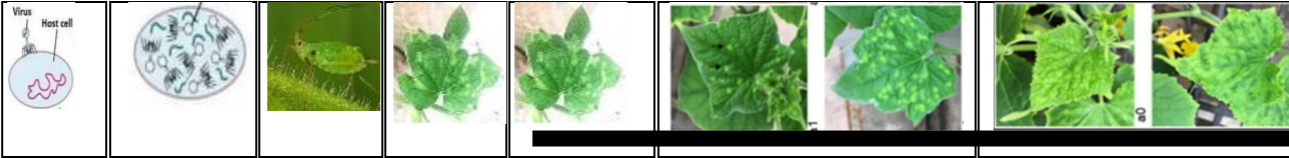








## Crop Disease Weather Calendar of *Robi* season Cucumber (Cucumber Mosaic virus disease): Rajshahi Region (Districts: Rajshahi, Chapainoabgonj, Naoga, Natore) Bangladesh

Region: Barisal		Rabi season Cucumber: Cucumber Mosaic virus disease														Life span: 100-120 days						
Weather warning	Months	November							December							January		February				
	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	44	45	46		47		48		49		50	51	52	1	2	3	4	5	6	7	8
	Rainfall (mm)	19.3	100.0	9.0		6.0		7.0		1.7		4.0	1.3	0.7	1.3	1.0	1.0	1.7	2.7	3.7	5.0	8.0
	Max. Temp. (°C)	31.0	31.2	29.6		29.3		28.3		27.8		27.0	26.2	25.7	25.1	25.2	25.8	26.2	27.0	27.8	28.9	29.7
	Min. Temp. (°C)	22.1	26.0	19.6		18.4		16.7		15.6		14.9	14.0	13.1	12.6	12.5	12.7	12.5	14.0	14.6	16.2	16.9
	RH Max (%)	97.8	97.4	97.8		97.8		97.8		98.0		97.9	98.2	98.2	98.0	97.8	97.6	97.6	97.3	97.1	97.0	97.0
	RH Min (%)	63.2	78.9	56.6		53.7		51.8		50.6		50.9	50.7	50.3	50.1	49.3	48.5	45.2	46.2	44.8	46.2	45.1
	SS hr (hrs)	47.0	26.0	49.0		50.0		51.3		48.7		46.3	44.3	43.7	46.7	44.0	47.3	52.7	50.3	52.3	51.7	52.0
Growth stages																						
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												

## Crop Disease Weather Calendar of *Kharif* season Cucumber (Cucumber Mosaic virus disease): Rajshahi Region (Districts: Rajshahi, Chapainoabgonj, Naoga, Natore) Bangladesh

Rajshahi Region		Kharif season Cucumber: Cucumber Mosaic virus disease											Life span 100-120 day			
Weather warning	Months	April					May					June				
	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		
	Rainfall (mm)	13.0	10.0	19.0	17.0	24.0	29.0	33.0	36.0	34.0	48.0	51.0	78.0	72.0		
	Max. Temp. (°C)	36.1	36.7	36.4	35.9	35.4	35.3	35.1	35.0	35.3	35.0	33.9	33.1	33.0		
	Min. Temp. (°C)	22.1	23.0	23.4	23.9	23.7	24.3	24.6	25.0	25.4	25.9	26.0	26.0	26.0		
	RHmax (%)	88.9	89.0	90.1	90.7	92.1	92.7	93.3	93.1	93.7	94.6	95.4	96.1	96.6		
	RHMin (%)	34.3	34.6	41.4	45.1	50.0	51.9	55.6	58.3	58.9	62.6	67.9	71.1	73.4		
	SShr (hrs)	57.0	57.0	57.0	56.0	52.0	53.0	54.0	48.0	51.0	48.0	35.0	31.0	31.0		
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										