

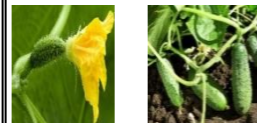

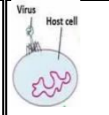








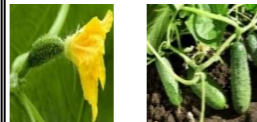




## Crop Disease Weather Calendar of *Robi* season Cucumber (Cucumber Mosaic virus disease): Khulna Region (Districts: Khulna, Norail, Bager Hat & Sathkhira) Bangladesh

Region: Khulna		Rabi season Cucumber: Cucumber Mosaic virus disease										Life Span: 100-120 days					
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
	Rainfall (mm)	41.0	38.5	31.5	26.5	9.5	13.0	8.0	3.0	3.5	1.0	4.0	0.0	1.0	3.0	1.5	0.0
	Max. Temp. (°C)	32.7	32.7	32.4	31.7	31.0	31.0	30.1	29.5	28.5	27.7	27.0	26.0	25.6	25.0	25.0	25.8
	Min. Temp. (°C)	25.5	25.0	24.2	22.5	21.5	20.6	19.3	18.0	16.3	15.3	14.5	13.4	12.6	12.2	12.2	12.7
	RH Max (%)	96.8	96.5	96.2	96.3	96.0	95.6	95.9	95.8	95.5	94.7	95.7	95.8	95.7	95.4	95.2	94.9
	RH Min (%)	69.2	65.6	63.3	59.2	57.4	53.9	51.3	49.0	46.7	47.3	48.8	49.2	47.8	48.7	46.9	46.8
	SS hr (hrs)	41.5	47.5	49.5	52.5	48.5	53.5	52.5	53.5	53.0	52.0	49.5	48.0	48.5	47.0	46.5	49.5
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 (Cucumber Mosaic virus disease): Khulna Region (Districts: Khulna, Norail, Bager Hat & Sathkhira) 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 oC																	
	Min. Temp. (°C)	26 oC																	
	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)	12.5	12.5	17.5		25.0	31.5	32.5	37.0	47.5	50.0	52.0	77.5	79.0	93.5	92.0	74.5	94.0	76.5
	Max. Temp. (°C)	35.0	35.2	35.2		35.2	35.1	35.2	35.3	35.1	35.0	34.7	33.4	32.7	32.3	32.0	32.1	31.8	32.1
	Min. Temp. (°C)	24.0	24.3	24.9		25.0	25.0	25.3	25.8	26.0	26.4	26.8	26.2	26.3	26.1	26.0	26.2	26.1	26.1
	RH Max (%)	94.3	93.7	93.3		93.2	93.0	93.1	93.4	93.7	93.9	94.2	95.1	95.7	95.8	96.0	95.5	95.9	95.8
	RH Min (%)	48.8	49.2	52.4		53.7	55.3	57.4	57.9	60.7	62.0	64.9	70.2	73.3	75.1	75.5	74.6	77.0	75.5
	SS hr (hrs)	59.0	60.0	61.5		58.0	59.5	56.5	55.0	47.0	50.0	41.5	29.5	23.5	25.0	21.5	27.0	24.5	29.0
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										