



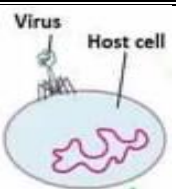

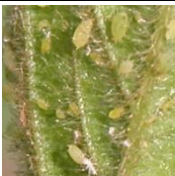




Crop Disease Weather Calendar of *Rabi* Soybean (Yellow mosaic virus disease): Barisal Region (Districts: Barisal, Patuakhali, Jhalakathi, Barguna & Bhola), Bangladesh

Region: Barisal		<i>Rabi</i> Soybean (Yellow mosaic virus disease)																	Life span 100-120 day			
Weather warning	Months	January					February					March				April						
	Max. Temp. (°C)	Viral infection and symptom appearance less severe due to aphid insect at 24°C to 25°C																				
	Min. Temp. (°C)	Viral infection and symptom appearance are found to be most severe at 18°C to 20°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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17				
	Rainfall (mm)	1.3	1.0	1.0	1.7	2.7	3.7	5.0	8.0	5.7	5.3	6.0	14.3	18.0	18.0	21.7	25.0	34.7				
	Max. Temp. (°C)	25.1	25.2	25.8	26.2	27.0	27.8	28.9	29.7	30.7	31.7	32.7	33.0	32.9	33.3	33.7	33.5	33.5				
	Min. Temp. (°C)	12.6	12.5	12.7	12.5	14.0	14.6	16.2	16.9	18.3	19.5	20.5	22.1	22.8	23.7	24.0	24.6	24.4				
	RH max (%)	98.0	97.8	97.6	97.6	97.3	97.1	97.0	97.0	96.7	97.1	96.7	96.5	96.5	96.6	96.4	96.0	96.0				
	RH Min (%)	50.1	49.3	48.5	45.2	46.2	44.8	46.2	45.1	44.9	45.2	45.3	50.7	54.4	58.0	59.8	61.9	62.5				
	SS hr (hrs)	46.7	44.0	47.3	52.7	50.3	52.3	51.7	52.0	53.7	54.0	54.3	52.3	50.7	53.0	51.3	54.7	51.7				
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													