



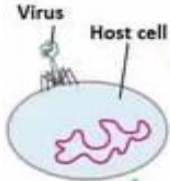

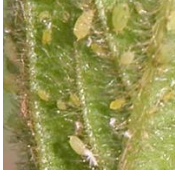


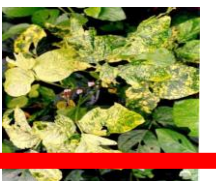





Disease Weather Calendar of *Rabi* season Soybean (Yellow mosaic virus disease): Chattogram Region (Districts: Chattogram, Cox's Bazar, Noakhali, Feni, Lakshmpur) Bangladesh

Region: Chattogram		<i>Rabi</i> season Soybean: Yellow mosaic virus										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)	0.3	0.7	0.7	1.3	2.0	1.3	2.3	8.3	4.7	5.3	6.3	13.3	21.3	21.3	27.0	34.3	36.0	
	Max. Temp. (°C)	26.5	26.1	26.6	26.9	27.7	28.7	29.3	29.8	30.6	31.2	32.0	32.0	31.8	32.1	32.6	32.7	32.9	
	Min. Temp. (°C)	14.1	13.9	14.1	14.1	14.9	15.8	16.9	17.6	18.8	19.8	20.7	21.8	22.7	23.5	24.0	24.4	24.5	
	RH max (%)	93.8	93.1	92.9	91.6	91.0	90.6	90.4	91.0	90.8	91.1	91.3	93.0	93.0	93.3	92.9	92.6	92.8	
	RH Min (%)	48.2	47.1	44.9	42.3	43.6	41.2	43.3	43.9	44.8	46.6	47.4	54.0	58.2	60.1	60.5	61.6	62.0	
	SS hr (hrs)	53.3	50.8	53.8	56.5	56.3	57.8	57.5	58.5	60.3	59.3	56.8	57.0	52.8	56.0	56.0	54.8	55.3	
Growth stage																			
		Germination and seedling			vegetative growth						Reproductive				Maturity and 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											