



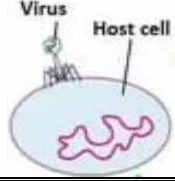







Insect Weather Calendar of *Rabi* season Soybean (Yellow mosaic virus disease): Rangpur Region (Districts: Rangpur, Lalmonirhat, Nilphamari, Kurigram, Gaibandha) Bangladesh

Region: Rangpur		<i>Rabi</i> season Soybean: Yellow mosaic virus disease										Life span 120-130 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)	1.0	2.5	2.0	1.0	1.0	1.5	3.5	1.5	2.5	1.0	2.5	5.5	18.5	11.0	19.5	28.5	31.5	
	Max. Temp. (°C)	22.7	22.4	23.2	23.4	24.7	25.9	26.7	27.5	28.5	29.9	30.8	31.6	31.4	32.1	32.5	32.3	32.0	
	Min. Temp. (°C)	10.9	10.4	10.8	10.8	11.8	12.7	13.7	14.4	15.3	16.1	17.3	18.4	19.5	20.3	21.1	21.9	21.9	
	RH max (%)	96.0	96.0	95.8	95.7	95.5	94.3	93.7	92.9	91.4	89.8	88.7	88.1	87.7	88.5	88.4	89.9	90.9	
	RH Min (%)	58.5	57.8	56.2	54.2	51.6	48.0	47.1	45.3	42.8	39.6	40.8	42.5	48.8	49.7	50.7	56.7	59.0	
	SS hr (hrs)	36.0	36.5	39.5	41.0	44.0	48.5	50.0	51.5	56.5	57.5	57.0	54.0	49.0	51.5	51.0	47.5	47.0	
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									