



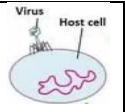






**Crop disease weather calendar of the Rabi season (Leaf curl disease): Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur)
Bangladesh**

Mymensingh Region		Rabi Season Chilli: Leaf curl disease																	Life span 150-160 days					
Weather warning	Months	November					December					January					February		March					
	Max. Temp. (°C)	Vector (White fly) population and virus transmission increased at 35 °C																						
	Min. Temp. (°C)	Vector (White fly) population and virus transmission favored above 15 °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 certain rainfall																						
Weekly normal weather	Std.Week/Normal	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	
	Rainfall (mm)	7.0	5.0	5.0	0.0	4.0	1.0	3.0	0.0	2.0	0.0	3.0	1.0	0.0	2.0	1.0	5.0	7.0	1.0	4.0	6.0	11.0	17.0	
	Max. Temp. (°C)	30.9	30.3	30.0	28.9	28.3	27.6	26.3	25.4	25.0	24.4	24.0	24.0	25.1	25.9	26.6	27.4	28.1	29.1	30.3	31.0	31.9	31.3	
	Min. Temp. (°C)	20.9	19.7	18.3	17.0	15.4	15.0	14.0	13.3	12.4	12.0	11.6	11.9	12.0	13.0	13.7	15.0	15.9	16.6	17.4	18.6	19.9	20.9	
	RHmax (%)	95.0	95.0	94.6	95.0	95.1	95.3	95.6	95.6	95.3	95.1	94.4	94.4	93.4	92.6	92.1	91.4	90.6	90.6	90.6	90.1	89.7	90.4	
	RHMin (%)	61.0	58.4	55.9	53.0	51.6	52.3	54.1	53.6	53.7	53.6	53.1	51.4	47.0	47.9	45.3	45.0	45.1	44.3	43.6	44.6	48.3	54.7	
SShr (hrs)	51.0	53.0	52.0	53.0	50.0	49.0	43.0	40.0	42.0	41.0	39.0	41.0	45.0	44.0	48.0	50.0	50.0	51.0	53.0	53.0	4.8	44.0		
Stage																								
	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																			