



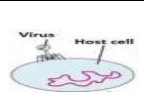











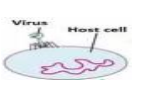






Crop disease weather calendar of the Rabi season Chilli: Barisal Region (Districts: Barisal, Potuakhali, Jalokhathi, Borguna&Bhola) Bangladesh

Barisal Region		Rabi Season Chilli: Leaf curl disease																	Life span: 180-185 day			
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	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13
	Rainfall (mm)	100.0	9.0	6.0	7.0	1.7	4.0	1.3	0.7	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
	Max. Temp. (°C)	31.2	29.6	29.3	28.3	27.8	27.0	26.2	25.7	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
	Min. Temp. (°C)	26.0	19.6	18.4	16.7	15.6	14.9	14.0	13.1	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
	RHmax (%)	97.4	97.8	97.8	97.8	98.0	97.9	98.2	98.2	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
	RHMin (%)	78.9	56.6	53.7	51.8	50.6	50.9	50.7	50.3	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
	SShr (hrs)	26.0	49.0	50.0	51.3	48.7	46.3	44.3	43.7	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
			6.4	2.7	3.3	3.6	3.1	3.4	3.3	3.9	4.5	4.4	4.5	4.3	5.0	4.6	4.9	4.9	5.1	5.2	5.4	6.3
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 													

Crop disease weather calendar of the Kharif season Chilli(**Leaf curl disease**): Barisal Region (Districts: Barisal, Potuakhali, Jalokhathi, Borguna& Bhola) Bangladesh

Barisal Region		Rabi Season Chilli: Leaf curl disease																				Life span 180-200 day										
Weather warning	Months	April					May					June					July					August					September			October		
	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	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43			
	Rainfall (mm)	25.0	34.7	40.7	52.7	49.0	69.3	66.7	85.3	105.3	129.7	126.3	129.0	91.7	111.7	115.0	100.0	92.7	95.7	82.3	81.0	73.0	77.7	72.3	75.0	55.3	57.3	41.0	25.0			
	Max. Temp. (°C)	33.5	33.5	33.6	33.4	33.4	33.2	33.3	32.8	31.9	31.3	31.0	31.0	31.1	30.08	31.0	31.2	31.2	31.2	31.5	31.5	31.2	31.5	32.0	32.0	31.9	32.1	32.0	31.7			
	Min. Temp. (°C)	24.6	24.4	24.4	25.1	25.2	25.7	26.0	26.1	26.0	26.0	26.0	26.0	26.0	26.0	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.9	26.0	25.5	25.2	25.2	24.3	22.9			
	RHmax (%)	96.0	96.0	96.1	96.2	96.1	96.2	96.5	96.4	96.6	97.0	97.3	97.4	97.4	97.4	97.6	97.4	97.3	97.2	97.3	97.3	97.4	97.7	97.6	98.0	97.9	98.0	97.8	97.8			
	RHMin (%)	61.9	62.5	64.2	65.9	67.5	69.6	70.9	73.2	76.9	79.2	80.6	80.7	79.4	81.0	80.0	78.9	78.6	79.0	77.6	77.4	77.6	76.4	74.6	73.9	72.3	70.4	68.0	63.7			
	SShr (hrs)	54.7	51.7	49.0	48.0	46.0	37.3	37.3	30.7	23.0	21.3	20.3	20.3	23.3	21.0	25.3	26.0	25.7	26.0	27.3	29.0	28.3	29.3	29.7	33.0	36.7	41.3	44.7	48.7			
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																	