














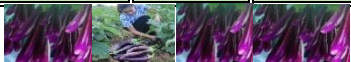








Crop Insect Weather Calendar *Rabi* season Brinjal (Leaf hopper insect): Chattogram Region (Districts: Chattogram, Lakshmipur, Coxsbazar, Noakhali and Feni) Bangladesh

Region: Chattogram		Rabi Season Brinjal: Leaf hopper insect																				Life span: 110-120 days									
Weather warning	Months	October					November					December					January					February					March				April
	Max. Temp. (°C)	31 oC; the optimum temperature for egg laying is 24 oC with no egg laying above 32 oC or below 16.5 oC.																													
	Min. Temp. (°C)	21 oC; the optimum temperature for egg laying is 24 oC with no egg laying above 32 oC or below 16.5 oC.																													
	RH Max (%)	Morning relative humidity 82 to 90 percent favored population dynamics																													
	RH Min (%)	Evening relative humidity 55 to 66 percent favored population dynamics																													
	Rainfall (mm)	Rainfall is favorable for the activity of leafhopper																													
Weekly normal weather	Std.Week	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
	Rainfall (mm)	75.7	43.7	26.0	19.3	21.7	14.3	9.0	11.7	1.0	4.0	2.3	2.0	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		
	Max. Temp. (°C)	31.9	32.1	31.9	31.5	31.2	30.5	29.9	29.0	28.6	27.8	26.9	26.6	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		
	Min. Temp. (°C)	24.8	24.5	23.3	22.8	21.6	20.2	19.2	18.0	17.0	16.3	15.3	14.9	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		
	RH max (%)	96.1	95.8	95.0	94.9	94.7	94.4	94.1	94.5	94.4	94.2	94.4	94.1	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	93.6		
	RH Min (%)	68.8	66.7	62.2	62.2	58.1	55.4	52.0	50.8	49.5	50.0	50.3	49.1	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		
	SS hr (hrs)	45.8	49.8	53.3	52.3	54.0	55.5	56.5	55.5	54.8	52.8	50.8	51.3	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		
Stages																															
	Germination and Seedling Planting	Vegetative Growth										Flowering				Fruiting				Harvesting											
Insect Life cycle																															
	Eggs laying & hatching (7 to 10 days)	Nymph (14 to 30 days)	Adult (16 to 18 days)	Eggs laying & hatching (7 to 10 days)	Nymph (14 to 30 days)	Adult (16 to 18 days)																									

Crop Insect Weather Calendar *Kharif* season Brinjal (Leaf hopper insect): Chattogram Region (Districts: Chattogram, Lakshmipur, Coxsbazar, Noakhali and Feni) Bangladesh

Region:Chattogram		Kharif Season Brinjal: Leaf hopper insect																Life span: 110-120 days	
Weather warning	Months	April				May				June				July					
	Max. Temp. (°C)	31 oC; the optimum temperature for egg laying is 24 oC with no egg laying above 32 oC or below 16.5 oC.																	
	Min. Temp. (°C)	21 oC; the optimum temperature for egg laying is 24 oC with no egg laying above 32 oC or below 16.5 oC.																	
	RH Max (%)	Morning relative humidity 82 to 90 percent favored population dynamics																	
	RH Min (%)	Evening relative humidity 55 to 66 percent favored population dynamics																	
	Rainfall (mm)	Rainfall is favorable for the activity of leafhopper																	
Weekly normal weather	Std. Week/Normal	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
	Rainfall (mm)	21.3	27.0	34.3	36.0	62.7	61.3	70.3	88.7	88.0	119.3	161.0	180.7	197.3	201.7	156.0	189.0	173.3	
	Max. Temp. (°C)	32.1	32.6	32.7	32.9	32.8	32.9	32.8	32.5	32.3	32.1	31.5	31.3	30.9	30.7	31.1	30.7	30.9	
	Min. Temp. (°C)	23.5	24.0	24.4	24.5	24.5	24.8	25.2	25.2	25.6	25.6	25.4	25.4	25.2	25.4	25.3	25.2	25.3	
	RH max (%)	93.3	92.9	92.6	92.8	92.9	93.3	93.5	93.9	94.0	94.9	95.3	95.1	95.9	96.0	95.7	96.1	95.8	
	RH Min (%)	60.1	60.5	61.6	62.0	62.3	64.1	66.1	68.9	70.2	71.9	74.8	75.3	77.3	77.7	76.4	77.6	76.3	
	SS hr (hrs)	56.0	56.0	54.8	55.3	52.8	55.0	48.0	42.8	40.3	36.8	28.0	28.0	25.3	24.0	29.0	25.5	30.0	
Stages																			
		Germination and Seedling Planting				Vegetative Growth				Flowering		Fruiting		Harvesting					
Insect Life cycle																			
		Eggs laying & hatching (7 to 10 days)	Nymph (14 to 30 days)	Adult (16 to 18 days)	Eggs laying & hatching (7 to 10 days)	Nymph (14 to 30 days)	Adult (16 to 18 days)												