























Crop Insect Weather Calendar *Rabi* season Brinjal (Leaf hopper insect): Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur) Bangladesh

Region: Mymensingh		Rabi Season Brinjal: Leaf hopper insect																Life span: 160-180 days									
Weather warning	Months	September	October				November				December				January			February			March						
	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	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11
	Rainfall (mm)	79.0	87.0	71.0	52.0	45.0	15.0	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
	Max. Temp. (°C)	31.9	31.7	32.0	31.7	31.6	31.1	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
	Min. Temp. (°C)	26.0	25.1	25.0	24.3	23.4	21.7	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
	RH max (%)	95.0	95.4	95.6	95.3	95.3	95.4	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
	RH Min (%)	74.1	74.0	72.6	70.3	66.7	62.7	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
	SS hr (hrs)	31.0	31.0	40.0	41.0	47.0	53.0	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
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): Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur) Bangladesh

Region: Mymensingh		Kharif Season Brinjal: Leaf hopper insect																							Life span: 160-175 days						
Weather warning	Months	March					April					May					June					July					August				
	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	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35					
	Rainfall (mm)	6.0	11.0	17.0	20.0	30.0	40.0	36.0	55.0	62.0	69.0	97.0	81.0	96.0	103.0	98.0	85.0	109.0	99.0	89.0	100.0	72.0	74.0	67.0	81.0	75.0					
	Max. Temp. (°C)	31.0	31.9	31.3	32.1	32.7	32.0	31.7	31.6	31.9	32.3	32.0	32.0	32.0	31.7	31.4	31.0	31.1	31.3	31.3	31.1	32.0	32.0	32.0	32.0	32.0					
	Min. Temp. (°C)	18.6	19.9	20.9	21.9	22.4	22.9	22.9	22.9	23.6	24.0	24.3	25.0	25.6	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.3	26.3	26.0	26.0					
	RH max (%)	90.1	89.7	90.4	89.9	90.9	91.1	91.3	92.4	92.6	92.7	92.7	94.0	94.1	94.7	95.0	94.7	95.0	94.6	94.6	94.9	94.7	93.9	94.0	94.9	94.7					
	RH Min (%)	44.6	48.3	54.7	55.0	56.6	61.1	62.6	64.6	66.0	66.4	69.4	71.9	73.0	75.4	76.6	77.7	77.6	77.0	76.6	76.4	74.6	74.6	74.9	75.9	75.0					
	SS hr (hrs)	53.0	4.8	44.0	49.0	49.0	49.0	46.0	44.0	44.0	45.0	39.0	36.0	34.0	26.0	25.0	23.0	24.0	24.0	25.0	30.0	33.0	31.0	30.0	26.0	31.0					
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)																				