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Region: Chattogram		Rabi Season Brinjal: Epilachna beetle insect																				Life span: 110-120 days										
Weather warning	Months	October					November					December					January					February					March					April
	Max. Temp. (°C)	High temperature (35 °C); 25°C temperature favored both fecundity and food consumption of the Epilachna beetle as well as larval development																														
	Min. Temp. (°C)	Population decreased with the temperature fall below 23 °C																														
	RH Max (%)	High relative humidity favored Epilachna beetle (70% or above)																														
	RH Min (%)	30%																														
	Rainfall (mm)	Rainfall is favorable for the activity of Epilachna beetle population																														
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 (2 to 5 days)		Grub (4 to 9 days)		Pupa (9 to 15 days)		Adults (3 to 10 days)		Eggs (2 to 5 days)		Grub (4 to 9 days)		Pupa (9 to 15 days)		Adults (3 to 10 days)		Eggs (2 to 5 days)		Grub (4 to 9 days)		Pupa (9 to 15 days)		Adults (3 to 10 days)							

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

Region:Chattogram		Kharif Season Brinjal: Epilachna beetle insect														Life span: 110-120 days									
Weather warning	Months	April				May				June				July											
	Max. Temp. (°C)	High temperature (35 °C); 25 °C temperature favored both fecundity and food consumption of the Epilachna beetle as well as larval development																							
	Min. Temp. (°C)	Population decreased with the temperature fall below 23 °C																							
	RH Max (%)	High relative humidity favored Epilachna beetle (70% or above)																							
	RH Min (%)	30%																							
	Rainfall (mm)	Rainfall is favorable for the activity of Epilachna beetle population																							
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 (2 to 5 days)		 Grub (4 to 9 days)		 Pupa (9 to 15 days)		 Adults (3 to 10 days)		 Eggs (2 to 5 days)		 Grub (4 to 9 days)		 Pupa (9 to 15 days)		 Adults (3 to 10 days)		 Eggs (2 to 5 days)		 Grub (4 to 9 days)		 Pupa (9 to 15 days)		 Adults (3 to 10 days)	