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Region: Cumilla		Rabi Season Brinjal: Epilachna beetle insect															Life span: 170-180 days											
Weather warning	Months	October					November					December					January				February			March				
	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)	<i>Rainfall</i> is favorable for the activity of Epilachna beetle population																										
Weekly normal weather	Std.Week/Normal	40	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	
	Rainfall (mm)	51.0	46.5	30.5	16.0	11.5	18.0	8.5	4.0	2.5	0.0	4.5	1.0	1.5	0.0	0.0	0.0	1.5	3.0	3.0	6.0	7.5	4.5	7.0	9.0	19.0	27.0	
	Max. Temp. (°C)	32.3	31.9	31.8	31.2	31.0	30.5	29.8	29.0	28.2	27.7	26.5	25.8	25.4	24.7	24.5	25.0	25.4	16.2	27.3	28.1	29.1	29.8	30.9	32.0	32.2	32.5	
	Min. Temp. (°C)	25.4	24.7	24.3	22.8	21.8	21.0	19.3	18.1	16.9	15.8	15.0	14.2	13.4	13.0	12.7	12.7	12.6	14.2	14.5	16.2	16.7	18.1	19.2	19.9	21.5	22.0	
	RHmax (%)	95.6	95.7	95.5	95.2	95.3	95.6	95.3	95.4	95.8	95.8	96.2	96.0	96.0	96.0	95.5	95.3	94.4	94.6	94.4	93.9	94.1	93.9	93.9	93.5	93.7	94.0	
	RHMin (%)	70.2	68.1	65.8	61.9	60.6	58.2	54.8	52.6	52.2	50.6	51.9	52.1	51.3	51.8	51.2	49.1	46.4	47.7	45.2	46.8	46.1	46.8	47.4	47.7	52.6	55.9	
	SShr (hrs)	39.0	43.0	44.5	50.5	47.0	49.5	50.0	50.5	48.5	47.5	42.5	40.5	40.0	40.0	37.0	43.5	47.0	47.0	50.0	49.5	50.5	52.5	52.5	52.5	51.0	48.5	
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): Cumilla Region (Districts: Cumilla, Chandpur, B.Barria) Bangladesh

Region: Cumilla		Kharif Season Brinjal: Epilachna beetle insect														Life span: 170-180 days													
Weather warning	Months	April				May				June				July				August			September								
	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	31	32	33	34	35	36	37	38	39		
	Rainfall (mm)	25.5	23.0	33.0	42.0	54.5	63.5	66.0	71.0	80.0	74.0	98.5	88.5	97.5	96.0	88.0	107.0	95.0	84.0	66.5	82.5	73.0	66.0	53.0	66.5	68.0	53.0		
	Max. Temp. (°C)	32.5	33.0	33.2	33.1	32.9	33.2	33.2	32.9	33.1	32.7	31.9	31.9	31.4	31.2	31.5	31.3	31.5	32.0	32.0	31.9	32.0	32.0	31.8	32.0	32.0	32.0		
	Min. Temp. (°C)	23.1	23.5	23.7	23.5	23.7	24.3	24.7	25.2	25.6	25.8	25.7	26.0	26.0	26.0	26.0	25.7	26.0	25.9	26.0	26.0	26.0	25.9	25.7	25.6	25.6	25.6		
	RHmax (%)	94.1	93.8	93.9	94.1	94.2	94.0	94.5	94.3	94.6	95.0	95.0	95.2	95.2	95.4	95.0	95.5	95.3	94.9	94.8	94.9	95.3	95.0	95.2	95.5	95.4	95.6		
	RHMin (%)	58.7	59.6	60.9	61.7	63.0	63.5	64.8	66.7	69.0	70.9	73.9	75.1	76.8	76.8	75.9	76.6	75.2	74.2	73.9	74.8	74.0	73.4	73.5	73.1	72.2	71.1		
	SShr (hrs)	51.0	52.0	52.5	51.0	47.5	47.5	46.5	41.0	38.0	36.0	26.5	29.0	26.0	23.5	30.0	26.5	31.0	30.0	31.5	32.0	30.5	34.5	32.0	33.0	33.5	35.0		
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)			