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Region: Khulna		Rabi Season Brinjal: Epilachna beetle insect														Life span: 150-170 days									
Weather warning	Months	October	November				December				January				February			Marh							
	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	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)	31.5	26.5	9.5	13.0	8.0	3.0	3.5	1.0	4.0	0.0	1.0	3.0	1.5	0.0	3.5	5.5	6.5	5.0	13.5	6.5	2.5	6.5	13.5	16.0
	Max. Temp. (°C)	32.4	31.7	31.0	31.0	30.1	29.5	28.5	27.7	27.0	26.0	25.6	25.0	25.0	25.8	26.2	27.0	27.7	29.0	30.1	31.0	32.4	33.4	34.1	34.0
	Min. Temp. (°C)	24.2	22.5	21.5	20.6	19.3	18.0	16.3	15.3	14.5	13.4	12.6	12.2	12.2	12.7	12.4	13.9	14.5	16.2	17.0	18.1	19.4	20.4	22.0	22.7
	RHmax (%)	96.2	96.3	96.0	95.6	95.9	95.8	95.5	94.7	95.7	95.8	95.7	95.4	95.2	94.9	94.9	95.1	94.5	94.3	94.3	93.7	93.7	93.5	94.5	94.1
	RHMin (%)	49.5	52.5	48.5	53.5	52.5	53.5	53.0	52.0	49.5	48.0	48.5	47.0	46.5	49.5	53.0	52.5	53.5	55.5	55.5	57.5	57.5	59.0	57.0	56.5
	SShr (hrs)	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13
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): Khulna Region (Districts: Khulna, Norail, Bagerhat, Sathkhira) Bangladesh

Region: Khulna		Kharif Season Brinjal: Epilachna beetle insect																			Life cycle of crop: 140-150 days			
Weather warning	Months	June					July					August					September				October			
	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 is favorable for the activity of Epilachna beetle population</i>																						
Weekly normal weather	Std.Week	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43		
	Rainfall (mm)	52.0	77.5	79.0	93.5	92.0	74.5	94.0	76.5	79.5	69.0	76.5	63.0	60.5	66.0	65.0	59.5	76.5	41.0	38.5	31.5	26.5		
	Max. Temp. (°C)	34.7	33.4	32.7	32.3	32.0	32.1	31.8	32.1	32.1	32.1	32.0	32.4	32.5	32.1	32.3	32.8	32.8	32.7	32.7	32.4	31.7		
	Min. Temp. (°C)	26.8	26.2	26.3	26.1	26.0	26.2	26.1	26.1	26.0	26.4	26.1	26.4	26.2	26.0	26.0	26.0	25.8	25.5	25.0	24.2	22.5		
	RHmax (%)	94.2	95.1	95.7	95.8	96.0	95.5	95.9	95.8	95.6	95.6	96.1	96.0	95.9	96.2	96.5	96.7	96.7	96.8	96.5	96.2	96.3		
	RHMin (%)	64.9	70.2	73.3	75.1	75.5	74.6	77.0	75.5	74.8	74.5	75.1	73.7	73.7	74.0	73.7	71.6	70.2	69.2	65.6	63.3	59.2		
	SShr (hrs)	41.5	29.5	23.5	25.0	21.5	27.0	24.5	29.0	30.0	29.5	31.0	32.5	31.5	32.0	34.5	36.0	38.0	41.5	47.5	49.5	52.5		
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)	