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Region: Rajshahi		<i>Rabi</i> season Pointed Gourd: <i>Epilachna</i> beetle insect														Duration: 100-120 days				
Weather warning	Months	September				October				November						December				
	Max. Temp. (°C)	High temperature (35 °C); 25°C temperature favored both fecundity and food consumption of the <i>Epilachna</i> beetle as well as larval development																		
	Min. Temp. (°C)	Population decreased with the temperature fall below 23 °C																		
	RH Max (%)	High relative humidity favored <i>Epilachna</i> beetle (70% or above)																		
	RH Min (%)	30%																		
	Rainfall (mm)	Rainfall is favorable for the activity of <i>Epilachna</i> beetle population																		
Weekly normal weather	Std. Week/Normal	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52		
	Rainfall (mm)	54.0	59.0	52.0	83.0	44.0	35.0	23.0	12.0	7.0	5.0	1.0	0.0	2.0	1.0	3.0	0.0	4.0		
	Max. Temp. (°C)	32.9	33.0	33.0	32.9	32.7	32.3	31.7	32.3	31.7	31	29.6	28.9	28.3	27.0	26.0	25.4	24.4		
	Min. Temp. (°C)	26.0	26.0	26.0	25.3	25.0	24.1	23.1	24.1	23.1	21.4	17.6	16.6	15.0	14.0	13.1	12.4	11.6		
	RH max (%)	96.3	96.7	96.3	96.7	96.3	96.4	96.1	96.4	96.1	96.0	95.7	95.3	94.7	94.7	95.9	95.3	95.7		
	RH Min (%)	71.3	71.0	69.9	68.9	67.4	64.3	60.9	64.3	60.9	57.4	49.4	47.4	45.6	46.9	50.1	50.0	50.0		
	SS hr (hrs)	35.0	38.0	40.0	43.0	46.0	47.0	53.0	47.0	53.0	56.0	54.0	55.0	55.0	51.0	47.0	46.0	44.0		
Growth stage																				
	Spouting & Seedling		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)						

Insect Weather Calendar of *Kharif* season Pointed gourd (*Epilachna* beetle insect): Rajshahi region (Districts:Rajshahi, Chapai Nawabganj, Naogaon, Natore), Bangladesh

Region: Rajshahi		<i>Khari</i> season Pointed gourd: <i>Epilachna</i> beetle insect														Duration: 120-150 days									
Weather warning	Months	January				February				March						April			May						
	Max. Temp. (°C)	High temperature (35 °C); 25°C temperature favored both fecundity and food consumption of the <i>Epilachna</i> beetle as well as larval development																							
	Min. Temp. (°C)	Population decreased with the temperature fall below 23 °C																							
	RH Max (%)	High relative humidity favored <i>Epilachna</i> beetle (70% or above)																							
	RH Min (%)	30%																							
	Rainfall (mm)	Rainfall is favorable for the activity of <i>Epilachna</i> beetle population																							
Weekly normal weather	Std. Week/Normal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
	Rainfall (mm)	1.0	1.0	2.0	1.0	4.0	3.0	2.0	3.0	5.0	4.0	3.0	4.0	14.0	13.0	10.0	19.0	17.0	24.0	29.0	33.0	36.0	34.0		
	Max. Temp. (°C)	24.0	23.0	24.0	24.9	25.6	26.7	28.1	29.3	30.4	32.1	33.1	34.6	35.0	36.1	36.7	36.4	35.9	35.4	35.3	35.1	35.0	35.3		
	Min. Temp. (°C)	11.0	10.9	10.9	10.9	12.0	12.3	13.6	14.1	15.1	16.4	17.6	19.4	20.6	22.1	23.0	23.4	23.9	23.7	24.3	24.6	25.0	25.4		
	RH max (%)	95.6	95.1	95.3	95.3	95.3	94.0	93.9	92.0	91.6	90.3	88.7	88.3	89.1	88.9	89.0	90.1	90.7	92.1	92.7	93.3	93.1	93.7		
	RH Min (%)	50.1	48.4	47.9	45.7	44.7	42.0	40.3	36.6	34.6	32.7	30.4	30.4	35.9	34.3	34.6	41.4	45.1	50.0	51.9	55.6	58.3	58.9		
	SS hr (hrs)	42.0	42.0	46.0	52.0	51.0	55.0	56.0	58.0	59.0	59.0	59.0	59.0	52.0	57.0	57.0	57.0	56.0	52.0	53.0	54.0	48.0	51.0		
Growth stage																									
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)							