


























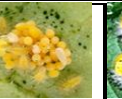








## Crop Insect Weather Calendar *Rabi* season Brinjal (Epilachna beetle insect): Bogra Region (Districts: Bogra, Pabna, Sirajgonj, Joypurhat) Bangladesh

Region: Bogra		Rabi Season Brinjal: Epilachna beetle insect														Life span: 180-190 days											
Weather warning	Months	September			October				November				December			January			February								
	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	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	
	Rainfall (mm)	60.0	60.0	76.0	74.0	51.0	42.0	25.0	18.0	5.0	5.0	0.0	0.0	3.0	0.0	3.0	0.0	4.0	0.0	2.0	2.0	1.0	1.0	1.0	4.0	3.0	
	Max. Temp. (°C)	32.3	32.0	32.1	32.0	32.1	32.3	32.0	31.6	31.0	30.7	30.1	29.7	28.9	27.7	26.3	25.0	25.7	24.0	24.0	24.3	25.4	25.9	26.9	27.7	28.6	
	Min. Temp. (°C)	26.0	26.0	26.0	25.1	25.0	24.0	23.4	21.7	21.0	19.9	18.3	17.3	15.7	15.0	14.1	12.0	13.4	12.0	11.4	11.4	12.0	12.9	13.6	14.6	15.4	
	RHmax (%)	95.9	96.3	96.1	96.4	96.0	96.0	95.7	95.1	94.3	94.6	94.1	93.9	93.9	93.7	94.6	94.3	94.6	94.1	94.3	94.3	93.9	93.1	92.1	91.4	90.4	
	RHMin (%)	72.0	72.3	70.7	71.0	68.7	66.0	62.1	57.9	55.6	52.4	49.9	48.3	47.0	48.1	50.6	50.6	50.0	50.9	49.0	47.7	46.0	44.9	41.4	40.3	39.1	
	SShr (hrs)	35.0	35.0	37.0	37.0	44.0	48.0	54.0	57.0	52.0	55.0	55.0	56	56	54	48	49.0	46.0	44.0	44.0	46.0	50.0	50.0	52.0	53.0	56.0	
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)				

## Crop Insect Weather Calendar *Kharif* season Brinjal (Epilachna beetle insect): Bogra Region (Districts: Bogra, Pabna, Sirajgonj, Joypurhat) Bangladesh

Region: Bogra		Kharif Season Brinjal: Epilachna beetle insect															Life span: 170-180 days									
Weather warning	<b>Months</b>	March			April				May				June				July			August						
	<b>Max. Temp. (°C)</b>	High temperature (35 °C); 25°C temperature favored both fecundity and food consumption of the Epilachna beetle as well as larval development																								
	<b>Min. Temp. (°C)</b>	Population decreased with the temperature fall below 23 °C																								
	<b>RH Max (%)</b>	High relative humidity favored Epilachna beetle (70% or above)																								
	<b>RH Min (%)</b>	30%																								
	<b>Rainfall (mm)</b>	Rainfall is favorable for the activity of Epilachna beetle population																								
Weekly normal weather	<b>Std.Week/Normal</b>	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
	<b>Rainfall (mm)</b>	4.0	3.0	8.0	8.0	12.0	26.0	28.0	37.0	42.0	45.0	58.0	59.0	74.0	70.0	92.0	76.0	93.0	80.0	91.0	76.0	63.0	61.0	72.0	67.0	56.0
	<b>Max. Temp. (°C)</b>	31.9	32.9	32.9	33.9	34.3	34.0	33.6	33.1	33.6	33.4	33.3	33.9	33.4	32.7	32.3	32.3	32.0	31.9	32.0	32.1	32.3	32.6	32.1	32.3	32.6
	<b>Min. Temp. (°C)</b>	18.3	20.0	21.1	22.3	23.0	23.0	23.1	23.3	23.9	24.3	24.6	25.0	25.9	26.0	26.1	26.1	26.0	26.1	26.0	26.1	26.3	26.9	26.3	26.4	26.1
	<b>RHmax (%)</b>	86.4	86.3	87.7	88.0	88.3	90.6	90.9	92.4	92.4	92.7	93.0	93.7	94.1	95.1	95.1	95.6	95.9	95.9	95.9	95.9	95.1	95.3	95.6	95.9	95.7
	<b>RHMin (%)</b>	37.1	39.1	45.3	44.4	45.9	50.7	54.9	57.3	58.7	60.0	63.4	64.6	66.7	70.4	72.4	73.9	73.3	74.1	74.4	73.3	72.0	71.9	73.3	72.7	71.7
	<b>SShr (hrs)</b>	61.0	58.0	56.0	56.0	56.0	55.0	52.0	48.0	50.0	49.0	46.0	44.0	39.0	33.0	28.0	26.0	28.0	31.0	29.0	28.0	35.0	37.0	36.0	31.0	35.0
<b>Stages</b>																										
	Germination and Seedling Planting		Vegetative Growth					Flowering				Fruiting				Harvesting										
<b>Insect Life cycle</b>																										
	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)			