












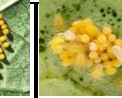
























Crop Insect Weather Calendar *Rabi* season Brinjal (Epilachna beetle insect): Rajshahi Region (Districts: Rajshahi, chapainawabgonj, Naogaon, Natore) Bangladesh

Region: Rajshahi		Rabi Season Brinjal: Epilachna beetle insect											Life span 140-150 day											
Weather warning	Months	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)	Rainfall is favorable for the activity of Epilachna beetle population																						
Weekly normal weather	Std.Week/Normal	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12		
	Rainfall (mm)	7.0	5.0	1.0	0.0	2.0	1.0	3.0	0.0	4.0	1.0	1.0	2.0	1.0	4.0	3.0	2.0	3.0	5.0	4.0	3.0	4.0		
	Max. Temp. (°C)	31.7	31.0	30.4	30.4	29.6	27.0	26.0	25.4	24.4	24.0	23.9	24.0	24.9	25.6	26.7	28.1	29.3	30.4	32.1	33.1	34.6		
	Min. Temp. (°C)	23.1	21.4	20.7	19.3	17.6	14.0	13.1	12.4	11.6	11.0	10.9	10.9	10.9	12.0	12.3	13.6	14.1	15.1	16.4	17.6	19.4		
	RH max (%)	96.1	96.0	95.9	96.1	95.7	94.7	95.9	95.3	95.7	95.6	95.1	95.3	95.3	95.3	94.0	93.9	92.0	91.6	90.3	88.7	88.3		
	RH Min (%)	60.9	57.4	55.9	51.9	49.4	46.9	50.1	50.0	50.0	50.1	48.4	47.9	45.7	44.7	42.0	40.3	36.6	34.6	32.7	30.4	30.4		
	SS hr (hrs)	53.0	56.0	55.0	57.0	54.0	51.0	47.0	46.0	44.0	42.0	42.0	46.0	52.0	51.0	55.0	56.0	58.0	59.0	59.0	59.0	59.0		
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): Rajshahi Region (Districts: Rajshahi, Chapainawabgonj, Naogaon, Natore) Bangladesh

Region: Rajshahi		<i>Kharif</i> Season <i>Epilachna</i> beetle insect												Life span 140-150 day												
Weather warning	Months	May				June				July				August				September								
	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	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39			
	Rainfall (mm)	102.5	107.5	122.0	116.5	148.5	152.0	168.0	129.5	137.5	130.0	110.0	129.5	129.0	123.5	103.0	118.5	105.0	96.0	107.0	94.0	82.0	81.5			
	Max. Temp. (°C)	31.5	31.6	31.9	32.2	31.5	31.9	31.6	31.9	31.9	31.7	32.0	31.8	32.2	32.3	32.8	32.2	32.2	32.5	32.2	32.2	32.2	31.7			
	Min. Temp. (°C)	22.0	22.7	23.2	23.6	24.0	24.4	24.9	25.0	25.0	25.0	25.2	25.0	25.0	25.1	25.3	25.2	25.0	25.0	25.0	25.0	25.0	24.2			
	RH max (%)	94.0	94.6	94.7	94.9	95.2	95.8	96.0	96.2	96.0	95.9	96.0	96.1	96.2	96.4	96.2	96.4	96.3	96.3	96.4	96.4	96.1	96.5			
	RH Min (%)	63.1	64.2	65.6	67.2	70.6	71.8	73.6	73.7	74.0	73.9	73.4	74.2	72.6	72.4	70.9	72.8	73.0	72.4	72.3	71.7	71.4	71.8			
	SS hr (hrs)	45.0	43.5	43.5	38.5	33.5	31.5	26.0	27.5	23.5	25.0	27.0	26.0	30	33.0	33.5	29.5	32.5	33.5	32.5	33.0	34.0	34.5			
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)	