


























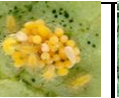








Crop Insect Weather Calendar *Rabi* season Brinjal (Epilachna beetle insect): Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur) Bangladesh

Region: Mymensingh		Rabi Season Brinjal: Epilachna beetle insect																	Life span: 160-180 days								
Weather warning	Months	September	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)	Rainfall is favorable for the activity of Epilachna beetle population																									
Weekly normal weather	Std. Week/Normal	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11
	Rainfall (mm)	79.0	87.0	71.0	52.0	45.0	15.0	7.0	5.0	5.0	0.0	4.0	1.0	3.0	0.0	2.0	0.0	3.0	1.0	0.0	2.0	1.0	5.0	7.0	1.0	4.0	6.0
	Max. Temp. (°C)	31.9	31.7	32.0	31.7	31.6	31.1	30.9	30.3	30.0	28.9	28.3	27.6	26.3	25.4	25.0	24.4	24.0	24.0	25.1	25.9	26.6	27.4	28.1	29.1	30.3	31.0
	Min. Temp. (°C)	26.0	25.1	25.0	24.3	23.4	21.7	20.9	19.7	18.3	17.0	15.4	15.0	14.0	13.3	12.4	12.0	11.6	11.9	12.0	13.0	13.7	15.0	15.9	16.6	17.4	18.6
	RH max (%)	95.0	95.4	95.6	95.3	95.3	95.4	95.0	95.0	94.6	95.0	95.1	95.3	95.6	95.6	95.3	95.1	94.4	94.4	93.4	92.6	92.1	91.4	90.6	90.6	90.6	90.1
	RH Min (%)	74.1	74.0	72.6	70.3	66.7	62.7	61.0	58.4	55.9	53.0	51.6	52.3	54.1	53.6	53.7	53.6	53.1	51.4	47.0	47.9	45.3	45.0	45.1	44.3	43.6	44.6
	SS hr (hrs)	31.0	31.0	40.0	41.0	47.0	53.0	51.0	53.0	52.0	53.0	50.0	49.0	43.0	40.0	42.0	41.0	39.0	41.0	45.0	44.0	48.0	50.0	50.0	51.0	53.0	53.0
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): Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur) Bangladesh

Region: Mymensingh		Kharif Season Brinjal: Epilachna beetle insect																							Life span: 160-175 days	
Weather warning	Months	March			April			May			June			July			August									
	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/Normal	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
	Rainfall (mm)	6.0	11.0	17.0	20.0	30.0	40.0	36.0	55.0	62.0	69.0	97.0	81.0	96.0	103.0	98.0	85.0	109.0	99.0	89.0	100.0	72.0	74.0	67.0	81.0	75.0
	Max. Temp. (°C)	31.0	31.9	31.3	32.1	32.7	32.0	31.7	31.6	31.9	32.3	32.0	32.0	32.0	31.7	31.4	31.0	31.1	31.3	31.3	31.1	32.0	32.0	32.0	32.0	32.0
	Min. Temp. (°C)	18.6	19.9	20.9	21.9	22.4	22.9	22.9	22.9	23.6	24.0	24.3	25.0	25.6	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.3	26.3	26.0	26.0
	RH max (%)	90.1	89.7	90.4	89.9	90.9	91.1	91.3	92.4	92.6	92.7	92.7	94.0	94.1	94.7	95.0	94.7	95.0	94.6	94.6	94.9	94.7	93.9	94.0	94.9	94.7
	RH Min (%)	44.6	48.3	54.7	55.0	56.6	61.1	62.6	64.6	66.0	66.4	69.4	71.9	73.0	75.4	76.6	77.7	77.6	77.0	76.6	76.4	74.6	74.6	74.9	75.9	75.0
	SS hr (hrs)	53.0	4.8	44.0	49.0	49.0	49.0	46.0	44.0	44.0	45.0	39.0	36.0	34.0	26.0	25.0	23.0	24.0	24.0	25.0	30.0	33.0	31.0	30.0	26.0	31.0
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)				