





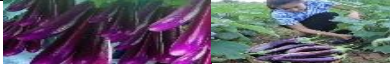



Crop Insect Weather Calendar *Rabi* season Brinjal (Epilachna beetle insect): Barisal Region (Districts: Patuakhali, Barisal, Jhalokhati, Pirozpur, Borguna, Bhola) Bangladesh

Region: Barisal		Rabi Season Brinjal: Epilachna beetle insect															Life span: 190-210 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)	Rainfall is favorable for the activity of Epilachna beetle population																													
Weekly normal weather	Std.Week/Normal	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15								
	Rainfall (mm)	9.0	6.0	7.0	1.7	4.0	1.3	0.7	1.3	1.0	1.0	1.7	2.7	3.7	5.0	8.0	5.7	5.3	6.0	14.3	18.0	18.0	21.7								
	Max. Temp. (°C)	29.6	29.3	28.3	27.8	27.0	26.2	25.7	25.1	25.2	25.8	26.2	27.0	27.8	28.9	29.7	30.7	31.7	32.7	33.0	32.9	33.3	33.7								
	Min. Temp. (°C)	19.6	18.4	16.7	15.6	14.9	14.0	13.1	12.6	12.5	12.7	12.5	14.0	14.6	16.2	16.9	18.3	19.5	20.5	22.1	22.8	23.7	24.0								
	RHmax (%)	97.8	97.8	97.8	98.0	97.9	98.2	98.2	98.0	97.8	97.6	97.6	97.3	97.1	97.0	97.0	96.7	97.1	96.7	96.5	96.5	96.6	96.4								
	RHMin (%)	56.6	53.7	51.8	50.6	50.9	50.7	50.3	50.1	49.3	48.5	45.2	46.2	44.8	46.2	45.1	44.9	45.2	45.3	50.7	54.4	58.0	59.8								
	SShr (hrs)	49.0	50.0	51.3	48.7	46.3	44.3	43.7	46.7	44.0	47.3	52.7	50.3	52.3	51.7	52.0	53.7	54.0	54.3	52.3	50.7	53.0	51.3								
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)								

Crop Insect Weather Calendar *Kharif* season Brinjal (Epilachna beetle insect): Barisal Region (Districts: Patuakhali, Barisal, Jhalokhati, Pirozpur, Borguna, Bhola) Bangladesh

Region: Barisal		Kharif Season Brinjal: Epilachna beetle insect																	Life span: 190-200 days										
Weather warning	Months	Feb			March				April				May				June			July			Aug						
	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	8	9	10	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)	8.0	5.7	5.3	6.0	14.3	18.0	18.0	21.7	25.0	34.7	40.7	52.7	49.0	69.3	66.7	85.3	1.05	129.7	126.3	129.0	91.7	111.7	115.0	100.0	92.7	95.7	82.3	81.0
	Max. Temp. (°C)	29.7	30.7	31.7	32.7	33.0	32.9	33.3	33.7	33.5	33.5	33.6	33.4	33.4	33.2	33.3	32.8	31.9	31.3	31.0	31.0	31.1	30.08	31.0	31.2	31.2	31.2	31.5	31.5
	Min. Temp. (°C)	16.9	18.3	19.5	20.5	22.1	22.8	23.7	24.0	24.6	24.4	24.4	25.1	25.2	25.7	26.0	26.1	26.0	26.0	26.0	26.0	26.0	26.0	25.9	26.0	26.0	26.0	26.0	26.0
	RHmax (%)	97.0	96.7	97.1	96.7	96.5	96.5	96.6	96.4	96.0	96.0	96.1	96.2	96.1	96.2	96.5	96.4	96.6	97.0	97.3	97.4	97.4	97.4	97.6	97.4	97.3	97.2	97.3	97.3
	RHMin (%)	45.1	44.9	45.2	45.3	50.7	54.4	58.0	59.0	61.9	62.5	64.2	65.9	67.5	69.6	70.9	73.2	76.9	79.2	80.6	80.7	79.4	81.0	80.0	78.9	78.6	79.0	77.6	77.4
	SShr (hrs)	52.0	53.7	54.0	54.3	52.3	50.7	53.0	51.3	54.7	51.7	49.0	48.0	46.0	37.3	37.3	30.7	23.0	21.3	20.3	20.3	23.3	21.0	25.3	26.0	25.7	26.0	27.3	29.0
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)				