

























Crop Insect Weather Calendar of *Kharif* season Pointed gourd (*Epilachna* beetle insect): Mymensingh region (Districts: Mymensingh, Netrokona, Jamalpur, Sherpur), Bangladesh

Reg.: Mymensingh		<i>Kharif</i> season Pointed gourd: <i>Epilachna</i> beetle insect														Duration: 120-150 days								
Weather warning	Months	February				March				April						May			June					
	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	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Rainfall (mm)		2.0	1.0	5.0	7.0	1.0	4.0	6.0	11.0	17.0	20.0	30	40	36	55	62	69	97	81	96	103	98		
Max. Temp. (°C)		25.9	26.6	27.4	28.1	29.1	30.3	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		
Min. Temp. (°C)		13.0	13.7	15.0	15.9	16.6	17.4	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		
RH max (%)		92.6	92.1	91.4	90.6	90.6	90.6	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		
RH Min (%)		47.9	45.3	45.0	45.1	44.3	43.6	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		
SS hr (hrs)		44.0	48.0	50.0	50.0	51.0	53.0	53.0	48.0	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		
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)		Adults (3 to 10 days)		Eggs (2 to 5 days)							

Crop Insect Weather Calendar of *Rabi* season Pointed gourd (*Epilachna* beetle insect): Mymensingh region (Districts: Mymensingh, Netrokona, Jamalpur, Sherpur), Bangladesh

Reg.: Mymensingh		<i>Kharif</i> season Pointed gourd: <i>Epilachna</i> beetle insect															Duration: 120-150 days		
Weather warning	Months	June					July					August					September		
	Months	High temperature (35 °C); 25 °C temperature favored both fecundity and food consumption of the <i>Epilachna</i> beetle as well as larval development																	
	Max. Temp. (°C)	Population decreased with the temperature fall below 23 °C																	
	Min. Temp. (°C)	High relative humidity favored <i>Epilachna</i> beetle (70% or above)																	
	RH Max (%)	30%																	
	RH Min (%)	Rainfall is favorable for the activity of <i>Epilachna</i> beetle population																	
Weekly normal weather	Std. Week/Normal	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	
	Rainfall (mm)	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	63.0	65.0	79.0	87.0	
	Max. Temp. (°C)	32.0	31.7	31.74	31.0	31.1	31.3	31.3	31.1	32.0	32.0	32.0	32.0	32.0	31.4	31.7	31.9	31.7	
	RH max (%)	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	94.9	95.3	95.0	95.4	
	RH mean (%)	83.6	85.1	85.8	86.2	86.3	85.8	85.6	85.7	84.7	84.3	84.5	85.6	84.9	85.4	84.7	84.6	84.7	
	SS hr (hrs)	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	28.0	31.0	31.0	31.0	
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)						