














Crop Insect Weather Calendar of *Rabi* season Pointed gourd (Epilachna beetle insect): Rongpur Region (Districts: Rajshahi, Chapainawabgonj, Naoga, Natore) Bangladesh

Region: Rongpur		<i>Kharif</i> season Pointed Gourd: Epilachna beetle insect														Duration: 140-150 days							
Weather warning	Months	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)	Rainfall is favorable for the activity of Epilachna beetle population																					
Weekly normal weather	Std. Week	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	
	Rainfall (mm)	58.0	53.0	35.5	10.0	4.0	3.0	2.0	0.0	1.0	0.0	2.5	0.0	2.5	1.0	2.5	2.0	1.0	1.0	1.5	3.5	1.5	
	Max. Temp. (°C)	32.1	31.5	31.2	30.6	30.0	29.8	29.0	28.3	27.7	26.7	25.1	24.7	24.1	22.7	22.4	23.2	23.4	24.7	25.9	26.7	27.5	
	Min. Temp. (°C)	24.9	24.0	22.5	21.0	20.0	19.0	17.5	16.4	15.0	14.2	13.5	12.5	11.5	10.9	10.4	10.8	10.8	11.8	12.7	13.7	14.4	
	RH max (%)	95.5	95.4	95.2	95.0	94.5	94.4	94.6	94.9	94.9	95.0	95.4	95.8	96.1	96.0	96.0	95.8	95.7	95.5	94.3	93.7	92.9	
	RH Min (%)	69.3	67.9	64.5	60.8	58.7	55.9	54.0	50.9	50.6	53.5	56.2	56.2	55.2	58.5	57.8	56.2	54.2	51.6	48.0	47.1	45.3	
	SS hr (hrs)	42.5	46.0	51.5	56.5	55.5	55.0	52.0	54.0	53.0	49.5	41.5	42.5	40.0	36.0	36.5	39.5	41.0	44.0	48.5	50.0	51.5	
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)												