













**Crop insect weather calendar of the Rabi season Chili (Fruit borer): Chattogram Region (Districts: Chattogram, Lakshmipur, Coxsbazar, Noakhali and Feni) Bangladesh**

Chattogram Region		Rabi season Chili: Fruit borer insect																						Life span 180-200 day				
Weather warning	Months	December				January				February				March				April				May						
	Max. Temp. (°C)	The upper development threshold temperature for all stages is 37 °C, and 40 °C is lethal; The optimum temperatures for the development of eggs, larvae, and pupae are around 24–27 °C																										
	Min. Temp. (°C)	Threshold for lower temperatures is around 10–12 °C																										
	RH Max (%)	Above 85%, Fecundity is adversely affected by low humidity along with high temperature																										
	RH Min (%)	<35%																										
Rainfall (mm)	Negative correlation with rainfall																											
Weekly normal	Std. Week/Normal	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
	Rainfall (mm)	1.0	4.0	2.3	2.0	0.3	0.7	0.7	1.3	2.0	1.3	2.3	8.3	4.7	5.3	6.3	13.3	21.3	21.3	27.0	34.3	36.0	62.7	61.3	70.3	88.7	88.0	
	Max. Temp. (°C)	28.6	27.8	26.9	26.6	26.5	26.1	26.6	26.9	27.7	28.7	29.3	29.8	30.6	31.2	32.0	32.0	31.8	32.1	32.6	32.7	32.9	32.8	32.9	32.8	32.5	32.3	
	Min. Temp. (°C)	17.0	16.3	15.3	14.9	14.1	13.9	14.1	14.1	14.9	15.8	16.9	17.6	18.8	19.8	20.7	21.8	22.7	23.5	24.0	24.4	24.5	24.5	24.8	25.2	25.2	25.6	
	RHmax (%)	94.4	94.2	94.4	94.1	93.8	93.1	92.9	91.6	91.0	90.6	90.4	91.0	90.8	91.1	91.3	93.0	93.0	93.3	92.9	92.6	92.8	92.9	93.3	93.5	93.9	94.0	
	RHMin (%)	49.5	50.0	50.3	49.1	48.2	47.1	44.9	42.3	43.6	41.2	43.3	43.9	44.8	46.6	47.4	54.0	58.2	60.1	60.5	61.6	62.0	62.3	64.1	66.1	68.9	70.2	
SShr (hrs)	54.8	52.8	50.8	51.3	53.3	50.8	53.8	56.5	56.3	57.8	57.5	58.5	60.3	59.3	56.8	57.0	52.8	56.0	56.0	54.8	55.3	52.8	55.0	48.0	42.8	40.3		
Stage																												
	Spouting & Seedling				vegetative growth								Flowering & fruiting								Harvesting							
Insect Life cycle																												
													Eggs (2 to 4 days)		Larva (15 to 18 days)		Pupa (7 to 10 days)		Adults (7 to 10 days)		Eggs (2 to 4 days)		Larva (15 to 18 days)		Pupa (7 to 10 days)		Adults (7 to 10 days)	