Crop insect weather calendar of the Rabi season Chili (Fruit borer): Bogra Region (Districts: Bogra, Pabna, Sirajgonj, Joypurhat) Bangladesh

Bogra	Region	Rabi season Chili: Fruit borer insect													ĺ	Life span: 150-160 days							
Weather warning	Months		Dec	ember		January				February				March	March					April			
	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)								1	Threshold	for lower t	emperatur	es is arou	nd 10–12 °	С								
	RH Max (%)							Above 8	35%, Fecu	ndity is ad	versely aff	ected by I	ow humidi	ty along wi	h high ten	nperature							
	RH Min (%)											<35%											
	Rainfall (mm)	Negative correlation with rainfall																					
	Std.Week/Normal	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
ıal	Rainfall (mm)	0.0	3.0	0.0	4.0	0.0	2.0	2.0	1.0	1.0	1.0	4.0	3.0	5.0	2.0	4.0	3.0	8.0	8.0	12.0	26.0	28.0	
Weekly normal weather	Max. Temp. (°C)	27.7	26.3	25.0	25.7	24.0	24.0	24.3	25.4	25.9	26.9	27.7	28.6	29.3	30.9	31.9	32.9	32.9	33.9	34.3	34.0	33.6	
dy norr eather	Min. Temp. (°C)	15.0	14.1	12.0	13.4	12.0	11.4	11.4	12.0	12.9	13.6	14.6	15.4	16.4	17.4	18.3	20.0	21.1	22.3	23.0	23.0	23.1	
ekl we	RHmax (%)	93.7	94.6	94.3	94.6	94.1	94.3	94.3	93.9	93.1	92.1	91.4	90.4	88.7	89.1	86.4	86.3	87.7	88.0	88.3	90.6	90.9	
×	RHMin (%)	48.1	50.6	50.6	50.0	50.9	49.0	47.7	46.0	44.9	41.4	40.3	39.1	38.0	36.9	37.1	39.1	45.3	44.4	45.9	50.7	54.9	
	SShr (hrs)	54	48	49.0	46.0	44.0	44.0	46.0	50.0	50.0	52.0	53.0	56.0	60.0	59.0	61.0	58.0	56.0	56.0	56.0	55.0	52.0	
Stage		3			•																		
			Spouting	& Seed	ling	vegetative growth				Flowering & fruiting					Harvesting								
Insect Life cycle																							
								Eggs (2 to 4 days)	4 (15 to 18 days)			Pupa Adults (7 to 10 days) (7 to 10 day		200) (2	Eggs Larva 2 to 4 (15 to 18 days)			Pupa (7 to 10 days)		Adults (7 to 10 days)			

Crop insect weather calendar of the Kharif season Chili(Fruit borer): Bogra Region (Districts: Bogra, Pabna, Sirajgonj, Joypurhat) Bangladesh

Bogra Region			Kharif season Chili: Fruit borer insect													Life span 150-160 days							
- an	Months	April														August							
	Max. Temp. (°C)		The upper	developm	ent thresho	ld tempe	rature for	all stages	is 37 °C	c, and 40 °	°C is lethal	; The optim	ium tempei	atures fo	or the deve	elopmen	t of eggs	, larvae,	and pupa	ae are a	round 24	–27 °C	
the	Min. Temp. (°C)								TI	hreshold f	or lower te	mperatures	is around	10–12 °(С								
Weather	RH Max (%)						Α	bove 85%	6, Fecun	dity is adv	ersely affe	cted by low	humidity a	along with	h high tem	perature)						
	RH Min (%)											<35%											
	Rainfall (mm)		Negative correlation with rainfall																				
	Std.Week/Normal	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
normal her	Rainfall (mm)	8.0	12.0	26.0	28.0	37.0	42.0	45.0	58.0	59.0	74.0	70.0	92.0	76.0	93.0	80.0	91.0	76.0	63.0	61.0	72.0	67.0	56.0
	Max. Temp. (°C)	33.9	34.3	34.0	33.6	33.1	33.6	33.4	33.3	33.9	33.4	32.7	32.3	32.3	32.0	31.9	32.0	32.1	32.3	32.6	32.1	32.3	32.6
dy norreather	Min. Temp. (°C)	22.3	23.0	23.0	23.1	23.3	23.9	24.3	24.6	25.0	25.9	26.0	26.1	26.1	26.0	26.1	26.0	26.1	26.3	26.9	26.3	26.4	26.1
Weekly	RHmax (%)	88.0	88.3	90.6	90.9	92.4	92.4	92.7	93.0	93.7	94.1	95.1	95.1	95.6	95.9	95.9	95.9	95.9	95.1	95.3	95.6	95.9	95.7
M M	RHMin (%)	44.4	45.9	50.7	54.9	57.3	58.7	60.0	63.4	64.6	66.7	70.4	72.4	73.9	73.3	74.1	74.4	73.3	72.0	71.9	73.3	72.7	71.7
	SShr (hrs)	56.0	56.0	55.0	52.0	48.0	50.0	49.0	46.0	44.0	39.0	33.0	28.0	26.0	28.0	31.0	29.0	28.0	35.0	37.0	36.0	31.0	35.0
Stage		Signal Control of the														1 Roll							
			Spouting	vegetative growth				Flowering & fruiting									Harvesting						
	insect Life cycle																						
						Eggs Larva				Pupa Adults				Eggs Larva				Pupa			Adults		
							(2 to 4 (15 to 18 days) days)			(7 to 10	days) ((7 to 10 days) (2 t			(15 to 18 days)				10 days	5)	(7 to 10 days)		