Crop Insect Weather Calendar Rabi season Brinjal (Epilachna beetle insect): Sylhet Region (Districts: Sylhet, Moulvibazar, Sunamganj, Habiganj) Bangladesh

Region: Sylhet		Rabi Season Brinjal: Epilachna beetle insect														Life span: 90-110 day					
Weather warning	Months			October			No	vember			Decer	nber		,,	January						
	Max. Temp. (°C)				High tempera	nture (35°C)); 25°C ten	nperature fa	avored both t	ecundity ar	nd food consum	ption of the	Epilachna b	eetle as wel	l as larval devel	opment					
	Min. Temp. (°C)										the temperature										
	RH Max (%)							High r	elative humi	dity favored	l Epilachna bee	tle (70% or	above)								
	RH Min (%)										30%										
	Rainfall (mm)	Rainfall is favorable for the activity of Epilachna beetle population																			
y normal er	Std. Week/Normal	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4			
	Rainfall (mm)	63.0	60.0	36.5	24.5	12.0	14.5	8.5	0.5	7.0	0.5	4.5	1.0	4.0	0.0	0.5	0.5	1.0			
	Max. Temp. (°C)	31.9	31.7	31.6	31.4	30.9	30.1	29.6	29.0	28.2	27.8	26.9	26.1	25.7	25.3	24.7	25.1	25.8			
	Min. Temp. (°C)	24.0	23.4	22.7	21.2	20.4	19.1	17.3	16.6	15.3	14.3	13.7	12.6	12.0	11.4	11.3	11.3	11.1			
	RH max (%)	96.4	96.1	96.0	95.6	95.4	95.2	95.2	95.3	95.5	94.7	95.7	95.3	96.1	95.8	96.1	95.5	94.9			
Weekly weather	RH Min (%)	71.2	68.7	66.5	63.1	61.9	59.2	56.2	54.4	53.5	51.4	53.6	53.0	52.7	53.5	53.9	50.7	48.1			
3 3	SS hr (hrs)	40.5	43.5	49.5	54.5	52.5	55.5	55.5	56.5	56.0	55.5	50.5	51.5	50.5	51.0	45.0	48.0	51.0			
Stages		Germination & Seedling			Vegetative Growth						Flower		Fruiting	Harvesting							
			Plantin	g	Vegetative Growth Flowering									The state of the s	Fruiting Harvesting						
Insect Life cycle																					
			Eggs (2 to 5 days			Eggs Grub Pupa Adults Eggs C to 5 days) (4 to 9 days) (9 to 15 days) (3 to 10 days) (2 to 5 days) (4 to 6 days)					Pupa Ad 9 to 15 days) (3 to 1	ults Egg 0 days) day	Grub 5 (4 to 9 day	Pupa /s) (9 to 15 days	upa Adults 15 days) (3 to 10 days)						

Crop Insect Weather Calendar Kharif season Brinjal (Epilachna beetle insect): Sylhet Region (Districts: Sylhet, Moulvibazar, Sunamganj, Habiganj) Bangladesh

Region: Sylhet		Kharif Season Brinjal: Epilachna beetle insect														Life span 130-150 day								
ther warning	Months		1	May	June							July					Augus	t	September					
	Max. Temp. (°C)			ŀ	High temp	erature	(35 °C);	25°C te	mperature	favored l	oth fec	undity a	nd food o	consumptio	n of the I	Epilachna	a beetle	as well	as larval d	developme	ent			
	Min. Temp. (°C)								Po	opulation	decreas	ed with	the temp	perature fal	l below 2	3 °C								
	RH Max (%)								Higl	h relative	humidity	y favore	d Epilach	na beetle ((70% or a	above)								
Weathe	RH Min (%)	30%																						
_	Rainfall (mm)	Rainfall is favorable for the activity of Epilachna beetle population																						
normal ther	Std.Week/Normal	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	
	Rainfall (mm)	102.5	107.5	122.0	116.5	148.5	152.0	168.0	129.5	137.5	130.0	110.0	129.5	129.0	123.5	103.0	118.5	105.0	96.0	107.0	94.0	82.0	81.5	
y norl ather	Max. Temp. (°C)	31.5	31.6	31.9	32.2	31.5	31.9	31.6	31.9	31.9	31.7	32.0	31.8	32.2	32.3	32.8	32.2	32.2	32.5	32.2	32.2	32.2	31.7	
kly	Min. Temp. (°C)	22.0	22.7	23.2	23.6	24.0	24.4	24.9	25.0	25.0	25.0	25.2	25.0	25.0	25.1	25.3	25.2	25.0	25.0	25.0	25.0	25.0	24.2	
Weekly	RH max (%)	94.0	94.6	94.7	94.9	95.2	95.8	96.0	96.2	96.0	95.9	96.0	96.1	96.2	96.4	96.2	96.4	96.3	96.3	96.4	96.4	96.1	96.5	
-	RH Min (%)	63.1	64.2	65.6	67.2	70.6	71.8	73.6	73.7	74.0	73.9	73.4	74.2	72.6	72.4	70.9	72.8	73.0	72.4	72.3	71.7	71.4	71.8	
	SS hr (hrs)	45.0	43.5	43.5	38.5	33.5	31.5	26.0	27.5	23.5	25.0	27.0	26.0	30	33.0	33.5	29.5	32.5	33.5	32.5	33.0	34.0	34.5	
	Stages																							
			rminatior dling Pla		Vegetative Growth							Flowering				Fruiting				Harvesting				
li	Insect Life cycle			_										3						_	_			
_					Egg (2 to 5		Grub 9 days)	Pupa (9 to 15 day	Adults (3 to 10 day	Eggs ys) (2 to 5 c	lays) (4 to	Grub 9 days) (Pupa 9 to 15 days	Adults) (3 to 10 days)	Eggs (2 to 5 days)	Grub (4 to 9 days	Pup s) (9 to 15		Adults o 10 days)					