



















Crop Insect Weather Calendar of *Rabi* season Cucumber (Red pumpkin beetle insect): Faridpur Region (Districts: Faridpur, Madaripur, Sariatpur, Gopalganj, Rajbari) Bangladesh

Faridpur Region		<i>Rabi</i> season Cucumber: Red pumpkin beetle insect											Life Cycle: 90-100 days			
Weather warning	Months	April					May					June				
	Max. Temp. (°C)	35 °C (30 °C optimum temperature both for oviposition and food consumption)														
	Min. Temp. (°C)	15 °C or below														
	RH Max (%)	Capable of tolerating wide ranges of relative humidity fluctuations whereas population increase with the advancement in temperature and relative humidity														
	RH Min (%)	Capable of tolerating wide ranges of relative humidity fluctuations														
	Rainfall (mm)	Negative correlation with the abundance of <i>red pumpkin beetle</i>														
Weekly normal weather	Std.Week/Normal	14	15	16	17	18	19	20	21	22	23	24	25	26		
	Rainfall (mm)	21.0	20.5	27.5	41.5	48.0	46.5	52.5	61.0	67.5	76.5	84.0	86.5	88.0		
	Max. Temp. (°C)	34.2	34.8	34.5	34.2	34.0	34.1	34.0	33.7	33.8	33.7	32.8	32.1	32.0		
	Min. Temp. (°C)	23.0	23.5	24.0	24.0	23.7	24.2	24.6	25.0	25.5	26.0	26.0	26.0	26.0		
	RHmax (%)	93.0	92.9	92.6	93.3	93.6	94.1	93.8	94.1	94.8	95.2	95.4	95.4	95.5		
	RHMin (%)	49.0	50.2	53.8	56.9	59.9	61.3	63.3	65.5	67.3	69.5	73.5	73.5	75.6		
	SShr (hrs)	52.5	53.0	54.5	52.5	49.5	49.5	49.0	40.5	41.0	38.0	30.5	26.5	25.5		
Growth stages																
	Spouting & Seedling		vegetative growth				Flowering & fruiting				Harvesting					
Insect Life Cycle																
	Eggs (6 to 15 days)		Larva (13 to 25 days)	Pupa (7 to 20 days)	Adults (10 months)		Adult (damage flower and immature fruits)									

Crop Insect Weather Calendar of Kharif season Cucumber (Red pumpkin beetle insect): Faridpur Region (Districts: Faridpur, Madaripur, Sariatpur, Gopalganj, Rajbari) Bangladesh

Faridpur Region		Kharif season Cucumber: Red pumpkin beetle insect											Life Cycle: 90-100 days			
Weather warning	Months	August					September					October				
	Max. Temp. (°C)	35 °C (30 °C optimum temperature both for oviposition and food consumption)														
	Min. Temp. (°C)	15 °C or below														
	RH Max (%)	Capable of tolerating wide ranges of relative humidity fluctuations whereas population increase with the advancement in temperature and relative humidity														
	RH Min (%)	Capable of tolerating wide ranges of relative humidity fluctuations														
	Rainfall (mm)	Negative correlation with the abundance of <i>red pumpkin beetle</i>														
Weekly normal weather	Std.Week/Normal	31	32	33	34	35	36	37	38	39	40	41	42	43		
	Rainfall (mm)	84.0	65.5	76.5	74.5	50.0	56.5	59.5	61.5	68.0	43.0	44.0	43.0	20.5		
	Max. Temp. (°C)	32.0	32.1	32.0	32.1	32.2	32.2	32.1	32.4	32.2	32.4	32.4	32.0	31.5		
	Min. Temp. (°C)	26.1	26.1	26.0	26.1	26.2	26.0	26.0	26.0	25.8	25.5	25.0	24.0	22.6		
	RHmax (%)	95.0	95.0	95.0	95.0	94.8	95.1	95.2	95.1	95.7	96.0	95.9	95.7	95.1		
	RHMin (%)	75.3	74.7	75.1	74.9	73.3	74.0	72.9	72.0	71.0	69.3	66.2	63.0	58.6		
	SShr (hrs)	177	179	183	187	185	192	189	198	210	206	43.0	46.0	49.5		
Growth stages																
	Spouting & Seedling				vegetative growth				Flowering & fruiting				Harvesting			
Insect Life Cycle																
	Eggs (6 to 15 days)		Larva (13 to 25 days)		Pupa (7 to 20 days)		Adults (10 months)		Adult (damage flower and immature fruits)							